The 50 MH3 DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Payments may be made to k6fv through PayPal. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. My web site is http://www.qsl.net/k6fv. The bulletin may be freely quoted, provided that credit is given.

Of Band Plans and Calling Frequencies was the headline of *The World Above 50 MHz* in January 2006

QST. Column editor, Gene Zimmerman, W3ZZ, gave a good rationale for their use, but then presented some information that was surprising to me and may be to you.

"Let's begin by looking at the VHF+ band plans put forth by the ARRL for the weak-signal modes in IARU Region 2 (North and South America)," he writes, and follows with 50.25-50.28 WSJT with 50.260 WSJT calling.

50.260? Gene writes that "these are commonly used WSJT frequencies, although they do not yet appear in the 'official' ARRL band plan, which was drawn up prior to the advent of the WSJT Suite."

I invite you to compare the number of WSJT reports in our bulletin for 50.19-50.23 vs 50.25-50.28 MHz. WSJT is booming in Europe, especially for meteor scatter.

All this could change if and when the FCC approves segregation by bandwidth rather than mode. Amateurs in other countries are already making RTTY contacts as well as split-frequency WSJT EME QSOs in the 50.0-50.1 CW subband.

Note that Europeans are already complaining about overuse of their 50.230 MHz WSJT "calling frequency." It may well be a good idea to separate regular domestic (W/VE) WSJT operation (MS) from intercontinental WSJT operation (EME and other weak signal modes).

Gene writes about the DX "Window", 50.100-50.125 that "While originally limited to intercontinental contacts, the Window has come to mean that no domestic QSOs (or contacts with VE or XE) should occur in those 25 kHz.

That isn't my understanding, and I believe it has been written in previous The World Above 50 MHz columns. The prohibition was against QSOs between domestic (lower-48) and lower-tier Canadian province stations. XEs, VE8s, KL7s, and KH6s have free reign in the DX window!

Table 1 on page 83 stopped at 50.3 MHz. Is 300 kHz (200 kHz when the CW suband is subtracted) all the room we need on six meters? What about the remaining 3.7 MHz? FM and RC? If you have strong feelings about these subjects, let Gene and the ARRL know.

DX Operations
Most of the listings in this column came from SM7AED's notebook.

Cambodia, XU7ADI: Pete, SM5GMZ, plans HF-6m operation (second priority to work) January-March.

Kazakhstan, UP1SAT, UP2SAT: Special event stations will be active on HF through 430 MHz from December 26-January 15 to celebrate the launch of Kazakhstan's first KazSat broadcast satellite.

Somalia, 600N: A group of Italian radio amateurs plan to be active on all bands including 6m for two weeks starting around January 20.

Jan Mayen, JX9NOA: is QRV, but indicates propagation is poor now. He plans to stay there until October 2006. Svalbard, JW4GHA: Roger, LA4GHA, currently active as T98GHA until the end of November plans to operate 160-2m from Bear Island (EU-027) between December 1 and June

Alaska, KL7: Jeffrey, KG0VL, is QRV from Northern KL7, BP75, through January 21. He will be changing the keying mechanism on the 50.065 aurora beacon as well as other maintenance. He will be listening for Northern UA video as well as other Arctic beacons via aurora on the six meter band.

K6MYC and W6JKV plan to operate 6 and 2m EME from Barrow (BQ13), which is the northernmost city in Alaska next late June/July

Bermuda, VP9/WA4PGM: Kyle is heading back to Bermuda where he plans to operate 160-6m from January 26-30 including activity in the CQ WW 160m CW contest. Bahamas, C6AGN: Bill, KM1E, is in Green Turtle Cay until March 8. He indicates he now has a Vonage internet phone with a Florida number (1-561-207-7096) in case anyone wants

to alert him of a 6m opening of which he is unaware. Guantanamo Bay Cuba, KG4SB, KG4WV: Jose, N4BAA, and Bill, W4WV plan activity on 160-6m between January 21-31 and also during the CQ WW 160m CW contest January

Aruba, P4: Bob, W3BTX, and Roy, W3TEF, plan concentration on 30 and 6m in addition to the usual HF bands from January 11-18.

Ascension Is (AF-003), ZD8I: Ian, G8WVW with his family are new residents until the end of March 2006. He plans 80-6m activity. Occasional visits to the Falkland Is. are also a possibility.

Juan Fernandez, CE0Z: Prior to heading to Peter I island, a group including a few of the 3Y0X operators plan activity on Juan Fernandez on 160-6m between January 20-28.

Peter I Island (Antarctica), 3Y0X: Depending on weather and ice, the DX peditioners plan to arrive at Peter I around February 6 and to be there for 16 days. (See status next page.) Ogasawara Is., JD1BLX, JD1BLY: plan operation from Chichijima (AS-031)(QL17CB) from February 19 to 28. Japan, JI3DST/JS6: Take plans active on 160-6m (less 20m) from several islands in the AS-079 group between December 28 and January 8.

Spratly Islands, DX0A: Target dates for a DX pedition to the Philippine Kalayaan Island are now January 5-19. In addition to operation on the low bands, they plan WSJT operation on 6m EME.

Beacon News

Canada, VA2ZFN: has been operational from FN08 on 50.007 MHz since December 26.

3Y0X Status Report

DXpedition coleaders Ralph, K0IR and Bob, K4UEE issued a status report and summary on December 15. They indicated that their ship and helicopter company is DAP, which has been the premier source for air support to the Antarctic for the last 24 years. The DXpedition will use their ship and one of their helicopters.

DAP will fly them from Punta Arenas to their Antarctic base on King George Island on February 2 in a fourengine turboprop. After a tour of the nearby bases, they will board their ship and sail for Peter I the same day.

Peter I arrival is scheduled for approximately February 6. Weather and ice will dictate when they actually land. Ice flows around the island are in constant flux and will dictate their approach to the island, the distance the vessel must hold offshore, and the duration of the helicopter flights.

The members of the DX pedition team include KOIR, K4UEE, WORUN, F2JD, LA6VM, K3VN, and K9SG. K9SG and K0IR are medical doctors.

They have loaded a 40 ft sea container with 11 tons of equipment. It includes seven generators with total capacity 35 kW, radio equipment, and WeatherHaven polar shelters.

The radio equipment includes nine complete ICOM Pro III/Alpha 99 HF stations plus multiple antennas. They will operate at two sites separated by approximately 1000 feet to allow operation on SSB and CW/digital on the same band at the same time. They will also be QRV on 6m, 2m, and 70 cm EME if they can keep the antennas up.

Expected weather conditions ashore include temperatures varying from a few degrees above to a few degrees below freezing. Winds can be substantial, up to 70 mph at times. Safety lines will be run between camp structures, a buddy system will be in place, and members will always carry personal radios.

The only safe and feasible landing is via helicopter. Their site will be on a very flat, safe plateau approximately 1.5 by 2 miles square. The island is approximately 8 by 15 miles in size.

Where's that Peru site again?

Huancayo does have a magnetic observatory which has been in operation since as early as 1922, and did have a vertical incidence ionospheric sounder until the late 1980s at least. It is located at an elevation of 3313m. However, the site in Peru that your editor was referring to last month is Jicamarca. The Jicamarca Radio Observatory (JRO) is the equatorial anchor of a Western Hemisphere chain of incoherent scatter radio observatories extending from there to Greenland. JRO is part of the Geophysical Institute of Peru and receives the majority of its financial support from the National Science Foundation through a cooperative agreement with Cornell University.

The observatory (JRO) is a halfhour's drive inland (east) from Lima, Peru at 11.95°S 76.87°W at 500m. It is in a desert region surrounded by mountains. Other than its remoteness from possible sources of interference, the site's uniqueness is its closeness to the earth's magnetic equator. The magnetic dip there is about 1° and varies slightly with altitude and year.

The observatory has a 2 MW peak power transmitter on 49.92 MHz capable of up to 6% duty cycle and pulses as short as 0.8 - 1.0 microseconds. Its main antenna has 18,432 dipoles covering an area of nearly 85,000 square meters. The dipoles are arranged into 64 modules of 12 x 12 crossed half-wave dipoles. Each linear polarization of each module can be separately phased (by hand, changing cable lengths), and the modules can be fed separately or connected in almost any desired fashion. The individual modules have a beamwidth of about 7°, so the combined beamwidth is about 1°.

The high power transmitter is not in continuous use and is still evolving. A lower power radar called JULIA (Jicamarca Unattended Long-term investigations of the Ionosphere and Atmosphere) has a 30-kW peak power and can run unsupervised for long periods of time. JULIA is a formidable MST/coherent scatter radar uniquely suited for studying the day-to-day and long term variability of equatorial plasma irregularities and neutral atmospheric waves.

How far North the moon?

Last month I wrote that the most northern latitude at which the moon appeared overhead was 28.36° and was on the upswing. Well, 2006 appears to be the maximum; e.g., it's all downhill from here and the next peak is 18 years hence. All the more reason to hurry to build a 6m array for the European window. However, things aren't too bad for the next three years. For December 2008 the maximum latitude is ~26°57'.

The Aurora Mailing List

As noted in last month's bulletin, Paul Kelley, N1BUG, is retiring as Aurora Sentry webmaster. Bob Hall, KC2MHU, has volunteered to take over the site. It is now up and running at http://www.aurorasentry.net.

December 2005 DX Reports

The following reports of 50 MHz DX propagation are courtesy of JA1VOK, W5UWB, K6QXY, G4UPS, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

Listings obtained from the OH2AO reflector include distances in kilometers. These are determined preferentially from the grids in the post, and otherwise from one or both of the prefixes of the calls. Note that the latter results in VERY rough approximations to the distances, especially for large countries and call areas.

The first entry is mmddhhii, where mm is the month, dd is the day of the month, hh is the hour UTC, and ii is the minutes after the hour. The year is understood to be 2005. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, D=Telemetry Data, J=Digital, typically JT6M, R=RTTY. S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. BSc = backscatter.

Reports of Africa

CEUTA	1 & N	MELI	LLA				
12132152	EA91B	WEAK	2047	50	.227	H	PA5JS
12122202	PROTE	CO TEL	234 342	1075	207		-

MOROCCO

Reports of Asia (FarEast)

JAPAN					
12091415 JI	12COZ EME	9820	50	.022	G4IGO
12111433 JI	12COZ JT6	SA EME	50	.036 J	G4PCI
12181017 J	Alrju JT6	SA EME	-25 982	20 J	G4PCI
12191603 JI					
12192043 J	AIRJU RX	192 EME	-28	.024 J	G4PCI

Reports of Europe

ALAND IS.

15081800	OHUJEP	559>599+ 727	50.190		OZ2LD
12081924	OHOJFP	CW 658	50.190		SMITDE
12081948	OHOAZ	CW 658	50.167		SM1 TDE
12082045	OH0JFP	559>JN65 171:	3 50.190		S57RR
AUSTE	RIA				
		JT6M MS 1491	50.230		GOCHE
12121016	OE5MPL	JN78CJ>IN73DM	4 1626	Н	EB1EHO
12152243	OE5MPL	ODB 1491	50.230		M1BXF
12152327	OE5MPL	JT6M 1019	50.227	J	PBOAHX
10171000					

		JN78CJ>IN73DM			
12152243	OE5MPL	ODB 1491	50.230		M1BXF
12152327	OE5MPL	JT6M 1019	50.227	J	PBOAHX
12171009	OE5MPL	JT6M IONO MS 1	491	J	GOCHE
12191306	OE5MPL	JT6M 1491	50.230	~	GOCHE
12191603	OE5MPL	JT6M 943			
		CQ JT6M 1556			
12240959	OE5MPL	MS 1491	50.225		
		JT6M IONO 1491			
12260949			50.230		
		TR/MS 765	50.230		
		25 JT6M 1491	50.230		
		CQ JT6M 471			
12311101	OESWALT	010M 1019	50.230	J	PAZB

BALE	ARIC	IS.				
12071603	EA6AEI	1833		50.110		OZ8ZS
12181123	EA6FB	JM08>IN73	792	50.230	Н	EB1EHO

BELG	IUM		
12091759	ON6AB	2560 50.230	LASNK
12121903	ON4IQ	CQ JT6M 1922 50.230	G4PCI
12121909	ON4IQ	JOHAN 6 DB 1418 .230	LX2SM
12121919	ON4IQ	JT6M 1019 50.230	IW3SNU
12132336	ON6AB	236 JO21EC>IN73DM 1133	EB1EHO
		CQ JT6M 1922 50.230	GOCHE
12271807	ON4IQ	59+ JT6M 1922 50.230	G4PCI
12271831	ON4IQ	JO20AR>IN73DM 1087	EB1EHO
12271840	ON4IQ	JOHAN 1621 50.230	CNSLI

12271849 ON4IQ 55A-57A 2006 50.101 OZIDJJ	12311239 OZ2PBS JT6M MS 1086 50.230 G4PCI	12262050 G4DEZ JOD3AE>IN73DM 1154 H PRIPHO
12291804 ON4IQ 3210/4 FSK441 1621 CN8LI 12310722 ON6AB CQ 2006 50.230 OZOJD	12311239 0Z2PBS JT6M MS 1086 50.230 G4PCI 12311240 0Z0JD CQ JT6M MS 1086 .230 G4PCI 12311350 0Z6SI CQ JT6M MS 1086 .230 G4PCI 12311350 0Z6SI CQ JT6M MS 1086 .230 G4PCI 12311556 0Z1BNN JT6M 1146 50.230 J I5MXX ENGLAND	12271039 GOCHE CQ JT6M 50.230 G4PCI 12271043 GOGMS CQ JT6M 50.230 G4PCI
BULGARIA	12311527 OZUJD CQ JT6M MS 1086 .230 G4PCI 12311556 OZIBNN JT6M 1146 50.230 J I5MXX	12271100 GOGMS IO82>IN73 1018 50.230 H EB1EHO 12271101 GOCHE IO90>IN73 853 50.230 H EB1EHO
12100940 LZ4KK JT6M 1858 50.230 H PA5JS 12100950 LZ4KK 2537 KN23XU>IN73DM H EB1EHO	ENGLAND	12271845 GARSW CQ JT6M 50.230 G4PCI 12271845 G4DEZ 53A 1202 50.097 SMOLQB
12122109 L24KK JT6M 1445 50.235 LY3UM 12131744 LZ4KK CQ 1858 50.230 H PA5JS	12010800 GB3MCB 569 045° B G4UPS 12051826 G4PCI IO91AL>IN73DM 928 EB1EHO	12272114 G4DEZ IO83LB>J003AE 206 GW8ASD
12131848 LZ4KK CQ JT6M 1858 50.230 PA5JS 12132125 LZ4KK 1782 3 EL 50.232 SM5LE	12051959 G4PCI JT6M 927 50.230 J IK1EGC 12052132 G4DFZ 2024 50.230 J ES3BR	12280931 GOGMS CQ JT6M 50.230 GOCHE 12281005 G4IGO KEN 1565 50.233 9888
12141654 LZ4KK 176M 176Z 50.230 J OZIDJJ 12141654 LZ4KK 1629 50.230 F6FHP	12062025 G4PCI CQ JT6M 50.230 G0CHE 12072212 G4DEZ JT6M 1412 50.230 J LA8NK	12281011 GOCHE KEN 1565 50.233 9A8A 12281117 G4PCI IO91AL>IN73DM 928 H EBIEHO
12141857 LZ4KK 5DB MAX 1474 50.230 IK4DCX 12170936 LZ4KK 774 50.230 J S59F	12081957 G4DEZ JO55>JO03 754 50.097 OZ8ZS	12281327 GOCHE 1090>IN73 853 50.230 EB1EHO 12281513 G3MEH RSGB 1091QS 178 .147 GOCHE
12291059 LZ2CM 1684 50.044 B SMOTSC	12082145 GX7VHF 559-579 1086 50.130 OZ1DJJ 12091448 GOCHE IO90PS>IN73DM 889 EB1EHO	12281614 G4PCI JT6M GEORGE 1412 .230 J LA8NK 12281817 G4PCI CQ JT6M 50.230 G0CHE
CROATIA	12091500 GOGMS IO82XT>IN73DM 1067 EBIEHO 12091532 GOCHE IO90PS>IN73DM 889 EBIEHO	12291503 MOCTP 10901R71093 308 .133 G7RAU 12292124 G4DEZ JT6M 1412 50.230 J LASNK
12141550 9A2TE CQ 1908 50.230 LA8NK	12100831 GOGMS CQ 1412 50.230 LA8NK 12101116 GOCHE 1412 50.230 LA8NK	12301131 G8ASW CQ JT6M 50.230 G4PCI
12280934 9A8A JT6M 1565 50.220 G4IGO 12280941 9A8A R 1565 50.233 G0GMS	12101144 GOCHE 1202 50.230 J SMOLQB 12101521 G7HEJ IO83LT>IN73DM 1160 EB1EHO	12301910 G4PCI CQ JT6M 50.230 G0CHE 12302022 G7HEJ 1412 50.230 LASNK
12281007 9A8A MS 1565 50.233 J G4IGO 12281012 9A8A JT6M MARK 1565 50.233 J G0CHE	12101802 G1OAR CQ JT6M 50.230 G4PC1	12302129 G4DEZ JT6M 1412 50.230 J LA8NK 12302329 G4DEZ 1202 50.227 SMOTSC
12311120 9A8A 26/R27 1244 50.230 J PA5JS	12101812 G7HEJ J76M CQ 50.230 G4PCI 12101824 G7HEJ J083LT>IN73DM 1160 H EBIEHO	12310937 GOCHE CQ JT6M TR 50.230 G4PCI 12311138 G4IGO KEN 1565 50.230 9A8A
CZECH REPUBLIC	12101826 G4PCI IO91AL>IN73DM 928 EB1EHO 12101847 G4PCI JT6M 50.230 G7HEJ	12311147 GIOAR CQ JT6M TR 50.230 G4PCI 12311207 G4DEZ 596 50.230 PA2B
12130943 OKIKT JO70WE>IN73DM 1792 EB1EHO 12131011 OKIKT JT6M 1570 50.230 J G3UYM	12102244 MOBCG 23 EME IAN 8608 .190 J W7GJ 12110833 G3UYM 1533 50.230 J S59F	12311248 GIOAR CQ 1412 50.230 LA8NK 12311248 GAPCI 34 JT6M 50.230 GOCHE
12132143 OK1KT JT6M 780 50.230 J SM5LE 12132240 OK1KT MS 365 50.220 J S59MA	12110930 GIOAR CQ JT6M 50.230 G7HEJ 12111015 G4IGO IO80NW>IN73DM 851 H EB1EHO	12311518 GOCHE CQ 1412 50.230 LA8NK 12311547 GADEZ 1533 50.233 T SSOP
12132343 OK2POI JN99>JN35 1003 .234 IK1EGC 12140920 OK2POI 34 JT6M 1570 50.230 GOCHE	12111049 G4PCI 37 JT6M 50.230 G0CHE 12111659 G4DEZ CQ 925 50.099 MM0AMW	12311614 G4PCI 927 50.230 I5MXX 12311618 G0CHE KEV 1533 50.233 S59F
12140925 OK2POI FB MS 1570 50.234 J G4IGO 12142328 OK2POI JT6M JOHN 1032 .230 J PA5JS	12111849 GOWCK CQ 50.145 G4PCI 12112023 G1OAR CQ JT6M 50.230 G4PCI	12311715 G8ASW CQ JT6M TR 50.230 G4PCI
12150009 OKIPOI JT6M JIRI 1322 .234 J LA8NK 12160820 OKIKRY MS 1570 50.230 J G4IGO	12121217 GTION 1596 50.225 J FAZV 12121618 GOGMS TONY 813 50.230 J F5GTR 12121638 G7HEJ GRAHAM 813 50.230 J F5GTR	ESTONIA
12180830 OKIDO JT6M IN96LE 1535 .230 J F5GTR	12131816 GOCHE MAX 8DB 927 50.230 J IK4DCX 12132015 M1BXF 9DB 927 50.230 JK4DCX	12152147 ES3BR MS 2024 50.220 J G4IGO 12152204 ES3BR J16M 2024 50.230 J GAIGO
12180838 OKIDO JT6M MS 1570 50.230 J GOCHE 12180851 OKIDO CQ 1322 50.230 LA8NK	12132030 G10AR 47/37 1550 50.230 SP9LCV 12132335 G0CHE KEV 1922 50.236 J ON6AB	12162046 ES3BR CQ JT6M 2024 50.230 G4PCI 12202004 ES3BR 784 50.230 LA8NK
12180910 OK1DO JO60>IO82 1126 50.230 GOGMS 12180913 OK1DO JT6M 1570 50.230 G4PCI	12140657 G4PCI JT6M 1202 50.230 SM5LE 12140717 G4PCI CQ JT6M 50.230 G0CHE	12262016 ES3BR 784 50.230 LA8NK 12262019 ES3BR JT6M HEINO 1070 .230 J SP9HWY
12180940 OK1DO 1322 50.230 LA8NK 12191605 OK2POI JT6M 1139 50.235 J F5GTR	12140749 GOCHE 27/37 1550 50.230 SP9LCV 12140950 G4IGO 1533 50.230 S59F	12291133 ES1HJ 1084 50.090 DK1MAX 12302031 ES3BR 784 50.230 LA8NK
12220758 OK1KRY JT6M JO90NH 90 .230 SP9HWY 12240806 OK1DO JT6M JIRKA 111 50.230 J SP9HWY	12141035 G41GO QUICK MS 92/ 50.230 J IW4ARD 12141845 G4PCI CQ 1412 50.230 LA8NK 12141922 G1OAR CO JT6M 50 230 GAPCI	FAROE ISLANDS
DENMARK	12142222 G4JZS IO91SO>IN73DM 980 EB1EHO 12150953 G3UYM IO91UW>IN73DM 1018 EB1EHO	12161112 OY6SMC 339>JO62 1619 50.035 DL7HG
12081835 OZ8ZS MS 1084 50.097 S57RR 12081842 OZ2LD JO54 111 50.195 OZ8ZS	12152019 G4PCI TROPO JT6M 333 50.230 GW6TEO 12152146 G4IGO 1412 50.220 LA8NK	FINLAND 12082008 OH8LRB JT6M 991 50 222 J 071DIJ
12082017 OZIDJJ CQ JT6M 1086 50.222 G4PCI 12082036 OZ6OM 36 JT6M 1086 50.230 G4PCI 12082125 OZIDJJ 991	12152205 G4PCI 2024 50.220 ES3BR 12152216 M1BXF CQ JT6M 50.230 G4PCI	12082018 OH6UW 765 50.230 LA8NK 12082052 OH7TD JT6M JOHN 1505 50.230 J PA5JS
12082133 OZ6OM JT6M 125 50.236 J SMOEPO 12100904 OZ1DJJ BO JO65>1082 1094 J GOGMS	12160745 GAICO JT6M 1086 50.230 J O21DJJ	12082117 OH7TE JT6M 991 50.230 J OZ1DJJ 12082124 OH6UW JT6M 991 50.230 J OZ1DJJ
12132059 OZ6OM CQ JT6M 770 50.230 SQ6ELV 12132247 OZ6OM CQ 555 50.230 LA8NK	12161518 G8VYK JT6M TROPO 50.230 J GOCHE 12161703 GOGMS CO 1412 50.230 J LANK	12091648 OH7KW CQ 765 50.230 LA8NK 12091706 OH8HTG 765 50.230 LA8NK
12140723 OZ1DJJ JT6M 1086 50.230 J G4PCI 12140741 OZ1DJJ 27/37 770 50.230 SP9LCV	12162126 GIOAR CQ JT6M 50.230 G4PCI 12170916 GOGMS 1412 50.230 LA8NK	12091713 OH6MIK 765 50.230 LA8NK 12091723 OH6MIK 897 50.230 J SMOLQB
12140813 OZ1DJJ JO65HP>IN73DM 1876 EB1EHO 12140832 OZ1DJJ BO 1086 50.227 GOCHE	12170937 GOCHE IO90PS>IN73DM 889 H EB1EHO 12170940 GOCHE 2DB 50.230 M1BXF	12111734 OH5XO 55A 991 50.095 OZIDJJ 12111814 OH9XIX 53A KP36 1429 50.067 R SMOYAK
12160713 OZ1DJJ CQ JT6M 1086 50.230 G4PC1 12162105 OZ32W CQ JT6M 929 50.230 GW6TEO	12171726 G1OAR CQ JT6M 50.230 G4PCI 12172011 G0GMS CQ JT6M 50.230 G4PCI	12122207 OH7KW JT6M 555 50.230 J LY3UM 12122236 OH7KW JT6M 991 50.230 J OZ6OM
12170912 OZ3ZW JT6M MS 1086 50.230 J GOCHE	12180931 GUCHE 1412 50.230 LA8NK 12180947 G4PCI 1412 50.230 LA8NK 12180915 G4IGO IO80>IN73 802 50.230 H EBIEHO 12180939 C7HEL TO9331N73 1127 50 226 EBIEHO	12141819 OH6MIK JT6M TUOMAS 765 .230 J LA8NK 12162210 OH7TE CQ JT6M 991 50.230 OZ2SYV
12171531 OZ1BNN CQ JT6M 1086 50.230 G4PCI 12182105 OZ3ZW CQ JT6M 1086 50.230 G4PCI	12180939 G7HEJ IO83>IN73 1127 50.226 EBIEHO 12180937 G3FYX 100W IO81RM 1978 .150 ON4IQ	12171958 OH6MIK JT6M 765 50.230 J LA8NK 12172039 OH6MIK TUOMAS JT6M 1505 J PA5JS
		12232153 OH6KTL CQ 765 50.230 LA8NK 12250905 OH6MIK 765 50.230 LA8NK
12221915 OZ1BNN CQ JT6M 1086 50.230 G4PCI	12181653 CRASH CO TECH 50 230 CAPOT	12250926 OH6MIK JT6M 991 50.230 J OZ1DJJ 12252128 OH7RJ 765 12252157 OH7RJ PENA JOHN 1505 50.230 J PASJS
12241319 OZ3ZW CQ JT6M 1086 50.230 G4PCI	12182029 G4PCI CQ JT6M 50.230 G0CHE 12182114 G4PCI CQ 1412 50.230 LA8NK 12191727 G8ASW CQ JT6M 50.230 G4PCI	12252220 OH7RJ JT6M 765 50.230 J LA8NK 12260849 OH6MIK JT6M 1173 50.230 J SP9HWY
12241336 OZ3ZW IN94 1489 50.222 H F6FHP 12241357 OZ2LD MS QSO 1086 50.238 J G4IGO	12191727 G8ASW CQ JT6M 50.230 G4PCI 12192248 G1OAR CQ JT6M 50.230 G7HEJ 12211406 G4PCI JT6M GEORGE 1550 230 J SP9HWY	12271953 OH9SIX 50.067 B OH3TM 12291122 OH5RAC 51-53 ES 2042 50.033 B IW3SNU
12250922 OZ1DJJ 514 50.223 H PA5JS 12252044 OZ3ZW TORBEN 991 50.222 OH6KTL	12192248 GIOAR CO JT6M 50.230 G7HEJ 12211406 G4PCI JT6M GEORGE 1550 .230 J SP9HWY 12211526 GGGMS CQ JT6M 50.230 G4PCI 12212128 G8ASW CQ JT6M 50.230 G4PCI 12212207 G4IGO 1412 50.230 LABNK	12291125 OH5RAC 519 >JN54 2005 .033 B IW4BET 12291126 OH3GBY 55 KP20>JN58 1604 DKIMAX 12302156 OH6KTI CO 6DB 265
10000010 001077 514 50 000 0000		12302244 OHBMIK JIBM /65 50.230 J LASNK
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12261841 OZOJD JT6M 1086 50.230 G4PCI 12261907 OZ3ZW CQ JT6M 1086 50.230 G4PCI	12221650 G3UYM CQ JT6M 50.230 G4PCI 12221720 GB3MCB IN/OUT 1667 50.042 CNR.I.T	12120857 F1RLF JN25DS>IN73DM 828 H EBIEHO
12261917 O20JD JT6M MS 1086 50.227 J GOCHE 12261940 O20JD JT6M JENS 770 50.227 J SP9HWY	12221738 G3UYM CQ JT6M 50.230 G0CHE 12221801 G4IGO CQ JT6M 1086 50.230 OZ1DJJ	12140917 F1RLF JT6M 813 50.230 J GOCHE 12140947 F1RLF 813 50.230 GAIGO
12271146 OZOJD 1086 50.230 G4PCI 12271220 OZOJD JT6M TR JENS 555 .230 LA8NK	12231725 GOCHE CQ JT6M 50.230 G4PCI 12232123 G4DEZ CQ>JT6M 1086 50.230 OZ2LD	12141636 F6FHP JT6M IONO 813 50.230 J GOCHE 12150952 F1RLF JN25DS>IN73DM 828 EB1EHO
12271249 OZOJD JT6M 1086 50.230 J G4PCI 12271408 OZOJD CQ JT6M 1086 50.230 G4PCI	12240948 G4IGO KEN 1533 50.230 J S59F 12241005 G0CHE CQ JT6M 50.230 G4PCI	12151045 F1FSH JN36HC>IN73DM 1013 EB1EHO 12160826 F5GTR IN73DM>IN96LE 472 EB1EHO
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12281600 OZ0JD JT65A TR 50.205 J OZ1DJJ 12281628 OZ0JD CQ JT6M 1086 50.230 G4PCI	12251347 G7HEJ CQ JT6M 50.230 G4PCI 12251351 G7HEJ IO83>IN73 1127 50.230 H EB1EHO	12280754 F5GTR CQ JT6M 822 50.230 9A8A 12280933 F6GEX CQ JT6M 822 50.230 9A8A
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12301953 021BNN CQ JT6M 1086 50.230 G0CHE	12261037 G4PCI 234 1412 50.230 G4PCI 12261037 G4PCI 234 1412 50.230 LASNK	12281035 F5LNU JN04>IN73 547 50.230 H EB1EHO 12281749 F1RLF CQ 1394 50.230 CN8LI
12310746 OZOJD JENS 2006 50.230 J ON6AB 12311134 OZ2PBS JT6M MS 1086 50.227 J GOCHE	12261241 G4DEZ CQ JT6M 50.230 GOCHE 12261243 G4PCI IO91AL>IN73DM 928 FRIEDO	12291740 F6FHP LOUD MS 1109 50.215 ON4IQ 12311040 F5GTR CO. JT6M 778 50.220 PEIRLF
12311143 O232W JT6M MS 1086 50.227 J GOCHE	12250856 G4PCI GEORGE 1533	20 VIVI 110 JULESU II FASUS

GERMANY 12091108 DJ4AX QSB>JO501K 341 53.000 DK5KMA	12211955 PA5JS CQ JT6M 596 50.230 GOCHE	12192221 SP9HWY JCQ JT6M 1550 50.230 J G10AR 12192223 SP9HWY JT6M JUREK 1550 .230 J G10AR 12200010 SP9HWY CQ JT6M 685 50.230 LY3UM
12170200 DF9CY JO54 6824 50.260 KB9POI	12212132 PA5JS 961 50.230 LA8NK 12221753 PA5JS CO JT6M 1091 50.230 S59MA	12211025 SP9HWY CQ JT6M 1550 50.230 G3UYM 12212010 SP9HWY CQ JT6M 1550 50.230 G4PCI
ISLE OF MANN	12231312 PI7SIX 589>JO32 TR 289 .054 B DG5YIL	12220732 SP9HWY JT6M 770 50.230 J O21DJJ
12062313 GDOTEP JT6M ANDY 776 50.230 J PASJS 12121015 GDOTEP IO74SD>IN73DM 1184 H EB1EHO	12231312 PI7SIX 589>JO32 TR 289 .054 B DGSYIL 12231936 PASJS CQ 1091 50.230 S59MA 12232059 PASJS CQ 1091 50.230 GOCHE 12240746 PASJS CQ 1091 50.230 S59MA 12240822 PASJS JO21>IN73 1194 50.230 EBIEHO	12221951 SP9HWY JT6M 770 50.230 J OZIBNN
12281848 GDOTEP 37 JT6M 464 50.230 GOCHE 12291904 GDOTEP 37 JT6M 464 50.230 G4PCI	12240822 PA5JS JO21>IN73 1194 50.230 EBIEHO 12251153 PA5JS JO21>IN73 1194 50.230 EBIEHO	12230736 SP9HWY JT6M 1550 50.230 J G4PCI
ITALV	12251153 PASJS JO21>IN73 1194 50.230 GBEBEHO 12260854 PASJS CQ 1505 50.230 GH6KTL 12260857 PASJS JO21>IN73 1194 50.230 H EBIEHO 12260918 PASJS JT6M MS 514 50.233 J O21DJJ 12261024 PASJS JO21>IN73 1194 50.230 J GBIEHO 12271755 PAZB 1505 50.230 J OHLRF 12281025 PAZV PETER 992 50.230 J OHLRF 12292056 PASJS CQ JT6M 596 50.230 GAPCI 12301956 PAZB JT6M CQ MS 596 50.230 GAPCI 12311050 PAZB 1091 50.230 J S59F 12311119 PASJS FB REFL 1244 50.230 J 9A8A	12231415 SP9HWY JT6M CQ 1550 50.230 G4PCI
12081614 IWOFFK 50.098 IK4DCX	12260918 PASJS JT6M MS 514 50.223 J OZ1DJJ	12240800 SP9HWY 111 50.230 J OKIDO
12081625 1W0FFK 55/55 MARCO 50.160 1K4DCX 12081631 IK4DCX SONO QRV 50.160 IW2CAM	12271755 PA2B 1505 50.230 J OH1RF	12250907 SP9LCV CQ JT6M 1550 50.230 G4PCI
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12121846 IW3SNU JT6M JOHN 791 50.230 J PA5JS 12122156 IK4DCX JT6M JOHN 791 50.230 J PA5JS	NORWAY	12262021 SP9HWY 1070 50.220 J ES3BR 12271005 SP9HWY 27/R26 MS 364 50.230 OE5MPL
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12132340 IK1EGC FAST QSO 1003 50.234 J OK2POI 12141032 IW4ARD JFB BURSTS 927 .230 J G4IGO	NORWAY 12052234 LABNK JT6M 1412 50.230 G7HEJ 12081858 LB7Q JO31 W>QSB 1030 50.162 H DG4DB 12082112 LABNK CQ JT6M 1412 50.230 G4PCI 12091736 LA7AJ 50.230 JANK 12091745 LA7AJ 2560 50.230 J ON6AB 121091805 LABNK TOR 2560 50.230 J ON6AB 12100900 LABNK JO48>1082 1005 50.230 J G0GMS 1210114 LA7AJ CQ 500 50.230 J G0GMS 1210117 LABNK JT6M 1412 50.230 G4PCI 12111317 LA7AJ CQ JT6M 1412 50.230 G4PCI 12111913 LABNK JT6M 1412 50.230 G4PCI 121112149 LA7SIX 579 555 50.050 B OZ2LD 12112149 LA7SIX 579 555 50.051 B OZ1DJJ 12122220 LA0FA MATT 10 S 961 50.230 J G3UYM 12131111 LABAV JT6M MS 1412 50.230 G7 JA5JS 12131111 LABAV JT6M MS 1412 50.230 G7 JA5JS 12131111 LABAV JT6M MS 1412 50.230 J G3UYM 12131127 JABAV MS 1412 50.230 J G3UYM	12271144 SP9HWY FSK MS 1550 50.227 J GOCHE 12271354 SP9LCV CQ JT6M 1550 50.230 GOCHE
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12181257 IW3SNU 16DB JT6M 927 50.230 M1BXF 12181358 IV3MPI JN65>IN73 1495 .230 H EB1EHO	12091805 LA8NK TOR 2560 50.230 J ON6AB 12100900 LA8NK JO48>IO82 1005 50.230 J GOGMS	12271946 SP9HWY W/ M1DUD 992 50.230 H PA5JS 12280917 SP9HWY J090>1071 1675 .230 GW6TEO
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12311559 I5MXX 1146 50.230 H OZIBNN	12112159 LA7SIX 599 555 50.051 B OZ1DJJ 12122220 LA0FA MATT 10 S 961 50.230 J PA5JS	12311625 SP9HWY JT6M 1049 50.220 J I5MXX
12311606 15MXX JT6M MS 92/ 50.230 G4PC1 12311623 15MXX JT6M MARZIO 1049 .220 J SP9HWY	12131111 LASAV JT6M MS 1412 50.230 J G3UYM	PORTUGAL
12311639 IK5RLP PROVIAMO 50.164 IW2HUS 12311640 IW2HUS BEN 50.164 IK5RLP	12131207 LA8AV MS 1412 50.230 J G4IGO 12131350 LA8AV 1713 50.235 J F5GTR	12141750 CT1FFU IM59>JO21 1717 .230 J PA5JS
12311645 IW2HUS FRANCO 50.160 IK5RLP 12311655 IW0BET 50.160 IK5RLP	12131250 LABAV 1713 50.235 J SGTGG 12131350 LABAV 1713 50.235 J FSGTR 12140608 LABNK JT6M 568 50.230 J SM5LE 12142021 LABNK JT6M 1412 50.230 J G4PCI 12142123 LABNK 27/26 1218 50.230 SP9LCV 12152035 LABNK 1146 50.230 GW6TEO	ROMANIA
12311623 ISMXX JT6M MARZIO 1049 .220	12152035 LA8NK 1146 50.230 GW6TEO 12160729 LA7AJ JT6M 555 50.230 J OZ1DJJ	12291138 YO3KWJ 559-559 1579 50.075 OZ1DJJ 12291144 YO2RR 559 1579 50.111 OZ1DJJ 12291546 YO3KWJ 559 1579 50.075 OZ1DJJ
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	12171919 LA8NK CQ JT6M 1412 50.230 G4PCI 12172009 LA7AJ CQ 50.230 LA8NK 12180944 LA8NK 1322 50.230 H OKIDO	SARDINIA
JAN MAYEN 12111822 JX7SIX 559 1430 50.079 B LA6PV	12201747 LA8NK CQ JT6M 1412 50.230 G4PCI	12281850 ISO/IOJU JT6M ION 412 .230 ON4IQ
12111836 JX7SIX 55A 1978 50.078 B SMOLQB	12202025 LA8NK 784 50.230 J ES3BR 12202043 LA8NK JT6M CQ 1412 50.230 G4PCI	12292145 ISO/IOJU CQ JT6M 1477 .220 H PA5JS 12292207 ISO/IOJU MS 1097 50.220 J OE5MPL
12112221 JX751X 539 1928 50.079 B OZIDGG		10000000 700 (7077 40 1004
12112249 JX7SIX 57>JO45 1881 50.079 B OZ3K 12271841 JX7SIX 55A 1978 50.079 B SM0LQB	12212215 LA8NK MS 1412 50.230 G4IGO 12220916 LA7AJ JT6M 1146 50.230 GW6TEO 12221737 LA7AJ CQ JT6M 1412 50.230 G0CHE	12302137 ISO/IOJU JT6M MS 1540 .220 J GOCHE 12302210 ISO/IOJU JT6M 1477 50.220 J PA2B
ITTUIIANTA	12230956 LA7AJ JT6M 1218 50.230 J SP9HWY 12231039 LA7AJ JT6M 1688 50.230 IW3SNU	12302253 ISO/IOJU MS-QSO 1784 50.220 J OZIBNN
12122058 LY3UM 26/R26 JT6M 780 .235 OK1KT	12230956 LA7AJ JT6M 1218 50.230 J SP9HWY 12231039 LA7AJ JT6M 1688 50.230 IWSSNU 12231428 LA8AV JT6M 1412 50.230 G4PCI 12231955 LA8NK CQ JT6M 1412 50.230 G4PCI 12251110 LA4AFA CQ 50.230 LA8NK	SCOTLAND
12122305 LY3UM 1144 50.220 J S59F 12132126 LY3UM RANDOM FAST 555 .230 OH6KTL	12251110 LA4AFA CQ 50.230 LA8NK 12271739 LA8NK 55A 568 50.097 SMOLOB	12052221 GM4WJA CQ 1036 50.230 LA8NK
LUVEMPOUDG	12271843 LA8NK 59A 555 50.097 OZ1DJJ	12092303 GB3LER 53A 404 50.064 B MMOAMW
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MACEDONIA		
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NETHERLANDS	POLAND 12051816 SP9HWY 1049 50.233 IK4DCX	12122342 GM4WJA 1087MN>IN73DM 1572 EB1EHO 12122348 GM4WJA 2082 50.230 S59F
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12072153 PASUS CQ JIGM 350 50.230 H OH6KTL	12072123 SF9HWI CQ 1218 50.230 LA8NK 12072307 SP9HWY CQ JT6M 1550 50.230 G3UYM	12182150 GM4WJA CQ JT6M 925 50.230 G4PCI 12182154 GM4WJA CQ 1036 50.230 LA8NK
12082042 PEIGOR CQ JIAM 396 50.230 H EBIEHO	12081830 SP9HWY CQ JT6M MS 1550 .230 GOCHE	12192328 GM4WJA 1036 50.230 LA8NK 12211238 GB3LER 519 1115 50.064 B EI7BMB
12100817 PASJS 961 50.230 LA8NK	12081848 SP9LCV CQ JT6M 1550 50.230 G4PCI	12220946 GM6VXB JT6M 1882 50.230 J SP9HWY 12231139 GM6VXB MS 925 50.234 J G4IGO
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12121921 PASJS CQ JT6M 596 50.230 G4PCI 12122144 PASJS JO21TP>IN73DM 1237 H EB1EHO	12111507 SP9HWY JT6M 992 50.230 PA2V 12111946 SP9HWY CQ JT6M 992 50.230 H PA5JS	CLOVENIA
12122255 PAGRDY JO22KJ>IN73DM 1260 EB1EHO 12122258 PASJS JO21TP>IN73DM 1237 EB1EHO	12122057 SP9LCV JT6M 1218 50.230 LA0FA 12122108 SP9LCV JO57GI>JO90KF 961 OZ1MAX	12081758 S59F JT6M MS 1533 50.230 J GOCHE
12122307 PAORDY JT6M 961 50.230 LAOFA 12131743 PA5JS CQ JT6M 596 50.230 G4PCI	12122128 SP9HWY 27/R37 1049 50.230 IK1EGC 12122311 SP9HWY 1049 50.220 IK4DCX	12081808 S57RR 779 50.150 IK2HKT 12081828 S59F IVO JT6M 1091 50.230 J PA5JS
12131912 PA5JS CQ JT6M 778 50.230 F1FSH 12132027 PE1GNP JN64GA 1094 50.150 IK4DCX	12131552 SP9HWY 468 50.222 J S59F 12131630 SP9HWY 1177 50.230 J F5GTR	12081832 S57RR MS >S7 1084 50.097 OZ8ZS 12081947 S59MA JT6M 1084 50.218 J OZ1DJJ
12132129 PA5JS JO21TP>IN73DM 1237 EB1EHO 12132233 PA2B 9DB 791 50.239 J IK4DCX	12131738 SP9HNY CQ JT6M 1550 50.230 G4PCI 12131853 SP9HWY CQ JT6M 1550 50.230 G0CHE	12082148 S57RR >JN45 627 50.150 H I2ADN 12101045 S59MA JT6M MS 1533 50.227 J GOCHE
12132316 PAORDY MS 1091 50.220 S59MA 12132354 PAORDY CQ JT6M 596 50.230 GOCHE	12131958 SP9LCV J090>JN35 1049 .230 J IK1EGC 12132005 SP9LCV CQ JT6M 1550 50.230 G4PCI	12110825 S59F CQ JT6M 1091 50.230 H PA5JS 12110839 S59F JT6M MS 1533 50.230 J G3UYM
12140807 PA2B IN73DM MS 1274 50.230 EB1EHO 12142043 PB0AHX MS HERMAN 961 50.098 C LA8NK	12132032 SP9LCV IO82SQ 1496 50.230 J G1OAR 12140740 SP9LXV JT6M 770 50.230 J OZ1DJJ	12110857 S59F JT6M JOHN 1091 50.230 J PA5JS
12142223 PAORDY JT6M 961 50.230 J LA8NK 12142224 PAORDY SSB MS 961 50.192 S LA8NK	12140746 SP9LCV JT6M 1550 50.230 J GOCHE 12142048 SP9LCV 1218 50.230 LARNK	12111351 S59F CQ JT6M 1533 50.230 GOCHE
12142229 PASJS JO21TP>IN73DM 1237 H EBIEHO 12142242 PASJS 961 50.230 LARNK	12142303 SP9HWY 1218 50.230 LA8NK 12142338 SP9HWY RNDOM 1550 50.230 LA8NK	12131719 S57RR 559 JN65T 468 50.090 SPERIN
12151301 PBOAHX JT6M MS 961 50.228 J LASNK 12152037 PA5JS 961 50.230 LASNK	12151718 SP9HWY CQ JT6M 1550 50.230 G4PCI	12132130 S59MA JT6M 1084 50.220 J 0260M
12152058 PA5JS FABIO 791 50.230 IK5YJY	12152143 SP9HWY 27 992 50.230 PBOAHX	12132329 559F RANDOM 365 50.234 OK2POI
12162056 PA5JS CQ JT6M 596 50.230 G4PCI	12161822 SP9HWY 1521 50.233 ON4IQ	12141010 S59F S59F JT6M 1533 50.230 G0CHE 12141020 S59F MS 1533 50.230 G4IGO
12171852 PA5JS CQ JT6M 596 50.230 GOCHE	12171939 SP9HWY CQ JT6M 1550 50.230 GOCHE	12141/14 S59F JT6M LOUD 932 50.230 F6FHP 12160926 S55M 1604 50.230 LA8NK
12201943 PASJS CQ JT6M 1091 50.230 S59MA	POLAND 12051816 SP9HWY 1049 12052250 SP9HWY GOOD REFL 992 50.230 12051750 SP9HWY GOOD REFL 992 50.230 12061750 SP9HWY CQ 1218 12061822 SP9HWY CQ 1218 12061822 SP9HWY CQ 1218 12072123 SP9HWY CQ 1218 12072123 SP9HWY CQ 1218 12072123 SP9HWY CQ 1218 12081830 SP9HWY CQ 176M 1550 50.230 12081830 SP9HWY CQ 176M 1550 50.230 12081848 SP9HWY UPER 992 12081954 SP9HWY UPER 992 12081954 SP9HWY UPER 992 12081954 SP9HWY UPER 992 12081954 SP9HWY UPER 992 12081955 SP9LCV UPER 1550 12081956 SP9LCV UPER 1550 12111507 SP9HWY UPER 1521 12111507 SP9HWY UPER 1521 12112208 SP9HWY UPER 1521 121122108 SP9HWY UPER 1521 121122108 SP9HWY UPER 1521 12112152 SP9HWY UPER 1521 121131738 SP9HWY UPER 1521 12131958 SP9HWY UPER 1520 12131958 SP9HWY UPER 1550 12131958 SP9HWY UPER 1550 12131030 SP9HWY UPER 1550 12131030 SP9HWY UPER 1550 12131030 SP9HWY UPER 1550 12131030 SP9HWY UPER 1550 12132032 SP9LCV UPER 1550 12132032 SP9LCV UPER 1550 12132032 SP9LCV UPER 1550 12132033 SP9HWY UPER 1550 1213203 SP9HWY UPER 1550 1213203 SP9HWY UPER 1550 1213203 SP9HWY UPER 1550 1230 UPER	12170854 S59F JT6M IVO 1533 50.230 J GOCHE 12170939 S59F 4DB 1533 50.230 M1BXF
12202102 PASUS 33 JT6M 596 50.230 GOCHE	12182126 SP9HWY CQ 1218 50.230 LA8NK	12181137 S57RR 579 JN65>JO50 575 DK2EA

12202233 PA5JS JT6M 50.230 J PB0AHX 12192201 SP9HWY CQ JT6M 1550 50.230 G4PCI

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12181344 S59F FB MS 1533 50.230 J G4IGO	12111815 SM3SHJ JP83UD 890 50.140 SM3XRJ 12121908 SM5LE CQ JT6M 1202 50.230 G4PCI 12131054 SM3BIU JT6M MS 1202 50.230 G3UYM	12120051 VE1YX 473 50.100 KB3MKN
12240941 S59F CQ JT6M 1533 50.230 G4PCI	12131054 SM3BIU JT6M MS 1202 50.230 G3UYM	12120052 VE1CSM PC17 50.200 K2TFT 12120056 VE1YX 1787 50.143 K4CIA
12241144 S59MA MS JT6M 1533 50.230 J GOCHE	12131601 SM3BIU CQ JT6M 1202 50.230 G3UYM 12170008 SM7BAE JO65 6871 50.260 KB9POI	12120057 VE1CSM 1787 50.150 K4CIA
12241552 S59F CQ JT6M 1533 50.230 GOCHE	12171819 SM/BAE CQ EME JT65A 50.030 G4PCI 12191818 SM3BIU JT6M JOHN 619 50.230 PA5JS	12120058 VEISKY 1787 50.137 K4CIA 12120107 VEIYX FN74 LOUD 1537 50.143 K8NY
12250845 S59F CQ JT6M 1091 50.230 H PA5JS	12191818 SM3BIU JT6M JOHN 619 50.230 PA5JS 12211414 SM3BIU JT6M 1202 50.230 J G4PCI	12120117 VEIJC EN73 492 50.130 H K8EB
12261046 SS9MA TT6M 1533 50 227 J GOCHE	12211454 SM3RTH TT6M 685 50 230 T SD9HWV	12120131 VE2VE ENOTSENAS 030 EO 135 WALNUT
12271045 S59F JT6M IVO 1533 50.230 G0CHE	12231648 SMBBIU 568 50.230 J ABNK 12240634 SM6NZV JT6M 685 50.230 J SP9HWY 12251307 SM3BIU CQ JT6M 1202 50.230 G4PCI 12260741 SM3BIU JT6M BAS 685 50.230 J SP9HWY	12120138 VA2RC 473 50.100 KB3MKN
12271415 S59F 932 50.230 J F5GTR	12251307 SM3BIU CQ JT6M 1202 50.230 G4PCI	12120141 VE1SKY 473 50.100 KB3MKN 12120145 VA2MGL 559 FN47 913 50.039 B N3DB
12281343 S59F JN65>IN73 1495 50.230 H EB1EHO	12260741 SM3BIU JT6M BAS 685 50.230 J SP9HWY	12120147 VA2RC 391 50.128 KA2BKG 12120150 VE90M 59 FN65>FM19 1055 H AK3E
12311010 S59F CQ JT6M IVO 1533 .230 G0CHE 12311028 S59F MS IVO 1533 50.230 J G4IGO	12260946 SM3RTH TT6M MS 1202 50 230 T COCHE	12120154 VELCHII C7 552 50 001 WOYNE
12311052 S59F JT6M 1091 50.230 J PA2B 12311602 S59F 233 JT6M MS 1533 .230 G4PCI	12260958 SM3BIU CQ 568 50.230 LA8NK	12120212 VE90M FN65>EN90 1264 50.130 N3LL
12311615 S59F JT6M IVO 1533 50.233 J GOCHE	12260958 SM3BIU CQ 568 50.230 LA8NK 12271742 SM0LQB 55A 568 50.100 LA8NK 12271745 SM1TDE AURORA 568 50.097 LA8NK 12271748 SM1TDE 51A 50.093 SM0LQB 12282019 SM0TSC 568 50.230 LA8NK	12120215 VEISKY FN65>EN90 1264 .137 N3LL 12120242 VEIYX FN74>EN90 1382 50.143 N3LL
CD . TO	12271748 SM1TDE 51A 50.093 SM0LQB	12120244 VE1YX 552 50.143 K8EB
SPAIN 12051820 EB1EHO CQ JT6M 1122 50.230 G4PCI	12282101 SMOTSC JT6M MS 568 50.230 J LA8NK	12120300 VEIYX 50.143 VE3RYI
12052022 EA7DUD MS 1122 50.220 J G4IGO	12282101 SMOTSC 568 50.230 LABNK 12282101 SMOTSC CQ JT6M MS 568 50.230 LABNK 12291302 SMOTSC CQ JT6M 1202 50.230 G4PCI 12291314 SMSBIU CQ JT6M 1202 50.230 G4PCI 12291541 SM5LE CQ 50.099 SMOLQB 12300B12 SMSTU 57 OSB 1250 50.216 GM4ISM	12130425 VE3GIB FN25 854 50.125 WZ8D
12061914 EA7DUD CQ JT6M 1122 50.230 GOCHE 12081322 EA7BPO IN73>IM76 778 50.230 EB1BMO	12291541 SM5LE CQ 50.099 SM0LQB	12240234 VE2RCS FN25>GN37 1692 .032 B VO1AU
12081359 EA7RPO TN73DM>TM76SR 762 H EB1EHO		
12101436 EB1EHO CQ JT6M MS 1122 .230 GOCHE 12101629 EB1EHO CQ JT6M 1122 50.230 G4PCI		12241411 VE2TKH 59 552 50.125 WZ8D
12101725 EBSCME IN73DM>II.18TM 1920 EB1EHO		
12101958 EB1EHO CQ JT6M 1534 50.230 PA5JS 12102129 EA7DUD IN73DM>IM76SR 762 EB1EHO		12241423 VE2AAA 552 50.125 K8LEE
12110954 EB1EHO CO JT6M 1122 50.230 G4PCI	SWITZERLAND	12241423 VEZAAA 552 50.125 K8LEE 12241424 VE1YX 730 50.147 NK90 12241425 VE2RGI 59 FN48>FN32 684 K20F
12111044 EBIEHO 41A 1122 50.266 GOCHE 12111252 EA2KP/7 JT6M MS 1122 50.225 J GOCHE	SWITZERLAND 12110808 HB9SIX 579 JN47QF>JO50UF 374 DK2EA 12111328 HB9SIX 579 JN47QF>JO50UF 374 DK2EA 12230834 HB9MFD JT6M PAUL 987 50.230 J SP9HWY 12231051 HB9MFD Z CO JT6M 1038 50.230 Q ZIDLY	12241445 VE2RCS FN25>EM84 1398 .032 B W4WA
12111329 EBIEHO CQ JT6M 1122 50.230 GOCHE 12111653 EBIBMO 27 IM76 7DB 444 .230 EA7UU	12230834 HB9MFD JT6M PAUL 987 50.230 J SP9HWY	12241456 VA3IE FH94>FN03 6810 50.128 VEIDUN
12111653 EB1BMO 27 IM76 7DB 444 .230 EA7UU 12130802 EB1EHO CQ JT6M 1122 50.230 G3UYM	12231051 HB9RUZ CQ JT6M 1038 50.230 OZ1DJJ	12261500 VE1YX 552 50.125 K8LEE
12131123 EA7DUD IN73DM>IM76SR 762 EB1BMO	12230834 HB9MFD JT6M PAUL 987 50.230 J SP9HWY 12231051 HB9RUZ CQ JT6M 1038 50.230 OZ1DJJ 12241107 HB9SIX 419 JN47QF>JO50 382 B DKZEA 12270922 HB9QQ PIERRE MS/TR 765 .230 OE5MPL	12261504 VEISMU S9+ 552 50.001 B K8LEE 12261517 VEIYX 59 FN76>EN53 KB92TF
12131945 EA7DUD CQ JT6M 1122 50.230 GOCHE 12132115 EB1EHO CQ 1122 50.230 GOCHE	LIKDAINE	12261536 VELYX FN74>EN72 1623 50.125 K8WM
12132156 EA1KV JT6M MS 1122 50.230 J GOCHE	UKRAINE 12291137 UT5G 539>JO21 2255 50 084 PA2M	12261552 VE2RA 599 FN48>EM95 50.125 N4BH 12261640 VE9OM FN65>EN41VR 50.130 K2DRH
12132250 EB1EHO LUIS 1587 50.230 J ON6AB 12132259 EA1KV ANDRES 1587 50.246 J ON6AB	12291137 UT5G 539>JO21 2255 50.084 PA2M 12291251 UT5G 559 QSB 1287 50.084 SP2MKO	12270000~VA7SIX, VE7s >CM88 B K6QXY 12270306 VE1SBU S9 552 50.001 B K8LEE
12140757 EA7DUD IN73DM>IM76SR 762 EB1EHO 12140847 EB1EHO CQ JT6M 1122 50.230 GOCHE	12291442 UT5G 579-599 1868 50.084 B OZ1DJJ 12291500 UT5G IN/OUT 1744 50.084 B SM5LE 12291607 UT5G 559>JO54RS 1852 50.084 B OZ3ZW	
12141253 EB7HAF CQ JT6M 1122 50.230 GOCHE	12291607 UT5G 559>JO54RS 1852 50.084 B OZ3ZW	12270412 VE3GIB 59 FN25>EM66 50.170 K4AL 12270425 VA2ZFN 539 FN08>EM66 50.007 B K4AL
12141257 EB7HAF 26 JT6M MS 555 .230 EA9IB 12160830 EB1EHO S7>S9 983 50.225 F5GTR	WALES	12270538 VE2YAT >EN19 50.0544 B VE4KEH
12170949 EB1EHO JT6M MS 1122 50.230 J GOCHE	12101254 GW3ORL IO81NO>IN73DM 923 H EB1EHO 12101318 GW3ORL IO81NO>IN73DM 923 EB1EHO	12272009 VEIMR FN84>FN42 682 50.140 WAINYV 12272223 VEIMR 59+ FN84>FM18 1340 W4XP
12171413 EB1EHO CQ JT6M 1122 50.230 G4PCI 12171926 EB1EHO CQ JT6M 1122 50.230 G0CHE	12101318 GW3ORL IO81NO>IN73DM 923 EB1EHO	12272247 VE1YX 57 FN74>FM18 1199 W4XP 12272250 VE1SMU S9 552 50.001 K8LEE
12171945 EB1EHO CQ JT6M 1122 50.230 G4PCI 12180956 EALKV 26 JT6M 1122 50.230 G0CHE	12112026 GW3ORL CQ JT6M 333 50.230 G4PCI 12121911 GW3LEW CQ JT6M 333 50.230 G4PCI	12272251 VE1YX 552 50.125 K8LEE
12181835 EB1EHO CQ JT6M 1122 50.230 GOCHE	12140837 GW3ORL IO81NO>IN73DM 923 EB1EHO 12152011 GW6TEO CQ JT6M 333 50.230 G4PCI	12272257 VEIYX 730 50.125 KB9JCW 12280510 VE3/W4TAA FN15 1922 50.125 W9SE
12191301 EA7DUD CQ JT6M 1122 50.230 GOCHE 12221837 EA7DUD CQ 555 50.230 CN8LI	12152032 GW6TEO JT6M 1146 50.230 LA8NK 12221617 GW6TEOJT6M 1071 1144 50.230 OZ2SYV	12280510 VE3/W4TAA FN15 1922 50.125 W9SE 12302015 VE3AX 21 FN02 327 50.125 K2ZD
12240922 EB1EHO CQ JT6M 1534 50.230 H PA5JS 12241057 EA1KV 1122 50.230 J G4DEZ	12221645 GW6TEO 105 12DB 929 50.235 J OZIMAX 12240739 GW6TEO CQ IO71 1690 50.230 S59MA 12271420 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA Northern
12241110 EA7DUD MS JT6M 1122 50.220 J GOCHE	12240739 GW6TEO CQ IO71 1690 50.230 S59MA	12070235 VE8BY 429 OSB 2610 50.049 B N3DB
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI	12280915 GW6TEO JT6M 1535 50.230 J SP9HWY	12002020 VEODI 32-4 50.049 B VEZTH
12250940 EALKV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CNBLI	12280915 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	12290638 VE8NSD 59 DP20>BP54 50.125 KL7NO
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI 12251046 EBLEHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.230 G4PCI	12280915 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	12290638 VE8NSD 59 DP20>BP54 50.125 KL7NO
12250940 EALKV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.230 G4PCI 12261135 EA7RM JT6M 1122 50.233 J GOCHE	12280915 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	12290638 VE8NSD 59 DP20>BP54 50.125 KL7NO
12250940 EALKV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.230 G4PCI 12261135 EA7RM JT6M 1122 50.233 J GOCHE	12280915 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	12290638 VE8NSD 59 DP20>BP54 50.125 KL7NO
12250940 EALKV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.230 G4PCI 12261135 EA7RM JT6M 1122 50.233 J GOCHE	12280915 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	12290638 VE8NSD 59 DP20>BP54 50.125 KL7NO CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WGD 12102343 VE4VHF 579 1854 50.036 B N3DB 121103350 VE4SPT SC E0265EN44 1363 B K9MU
12250940 EALKV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.230 G4PCI 12261135 EA7RM JT6M 1122 50.233 J GOCHE	Reports of North America AMERICAN WATERS 12280928 W0AMM/MM EM90 2393 50.150 N3DB	12290638 VE8NSD 59 DP20>BP54 50.125 KL7NO CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WGD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4SPT Sc E026>EN44 1363 B K9MU 12110745 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 459 EN19>FM19 1927 B AK3E
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.233 J GOCHE 12261218 EA7RM JT6M 1122 50.233 J EB1EHO 12261218 EA7RM IN73DM>IM87 707 .233 EB1EHO 12261218 EA7DUD IN73DM>IM76 782 .230 EB1EHO 12261235 EB1EHO CQ JT6M 1122 50.230 G4PCI 12261345 EB1EHO CQ JT6M 1122 50.230 G4PCI 12261345 EA7DUD CQ JT6M 1122 50.230 G0CHE 12261345 EA7DUD CQ JT6M 1122 50.230 G0CHE 12261375 EB1EHO CQ JT6M 1122 50.230 G0CHE 12261375 EB1EHO CQ JT6M 1122 50.230 G4PCI	Reports of North America AMERICAN WATERS 12230208 W0AMM/MM EM90 2393 50.150 N3DB BAHAMAS	12290638 VE8NSD 59 DP20>BP54 50.125 KL7NO CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B WZ8D 12070437 VE4XR >FN57 50.125 S VE9WGD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110745 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 559 EN19>FM19 1927 B AK3E 12251454 VE4VHF 559 EN19>FM19 1927 B AK3E
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.233 J GOCHE 12261218 EA7RM JT6M 1122 50.233 J EB1EHO 12261218 EA7RM IN73DM>IM87 707 .233 EB1EHO 12261218 EA7DUD IN73DM>IM76 782 .230 EB1EHO 12261235 EB1EHO CQ JT6M 1122 50.230 G4PCI 12261345 EB1EHO CQ JT6M 1122 50.230 G4PCI 12261345 EA7DUD CQ JT6M 1122 50.230 G0CHE 12261345 EA7DUD CQ JT6M 1122 50.230 G0CHE 12261375 EB1EHO CQ JT6M 1122 50.230 G0CHE 12261375 EB1EHO CQ JT6M 1122 50.230 G4PCI	Reports of North America AMERICAN WATERS 12230208 W0AMM/MM EM90 2393 50.150 N3DB BAHAMAS	12290638 VE8NSD 59 DP20>BP54 50.125 KL7NO CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B WZ8D 12070437 VE4XR >FN57 50.125 S VE9WGD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110745 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 559 EN19>FM19 1927 B AK3E 12251454 VE4VHF 559 EN19>FM19 1927 B AK3E
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.233 J GOCHE 12261218 EA7RM JT6M 1122 50.233 J EB1EHO 12261218 EA7RM IN73DM>IM87 707 .233 EB1EHO 12261218 EA7DUD IN73DM>IM76 782 .230 EB1EHO 12261235 EB1EHO CQ JT6M 1122 50.230 G4PCI 12261345 EB1EHO CQ JT6M 1122 50.230 G4PCI 12261345 EA7DUD CQ JT6M 1122 50.230 G0CHE 12261345 EA7DUD CQ JT6M 1122 50.230 G0CHE 12261375 EB1EHO CQ JT6M 1122 50.230 G0CHE 12261375 EB1EHO CQ JT6M 1122 50.230 G4PCI	Reports of North America AMERICAN WATERS 12230208 W0AMM/MM EM90 2393 50.150 N3DB BAHAMAS	12290538 VE8NSD 59 DP20>BP54 50.125 KL7NO CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B WZ8D 12070437 VE4XR >FN57 50.125 S VE9WGD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPT 559 EN19>FM19 50.036 B N3DB 12110745 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 559 EN19>FM19 1927 B AK3E
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12250940 EA1KV CQ JT6M 1122 50.230 G4PCI 12251046 EB1EHO CQ JT6M 1122 50.230 G4PCI 12251120 EA7DUD CQ 555 50.230 CN8LI 12261110 EA7RM JOHN 1534 50.233 J PA5JS 12261116 EA7RM 233 JT6M 1122 50.233 J GOCHE 12261218 EA7RM JT6M 1122 50.233 J EB1EHO 12261218 EA7RM IN73DM>IM87 707 .233 EB1EHO 12261218 EA7DUD IN73DM>IM76 782 .230 EB1EHO 12261235 EB1EHO CQ JT6M 1122 50.230 G4PCI 12261345 EB1EHO CQ JT6M 1122 50.230 G4PCI 12261345 EA7DUD CQ JT6M 1122 50.230 G0CHE 12261345 EA7DUD CQ JT6M 1122 50.230 G0CHE 12261375 EB1EHO CQ JT6M 1122 50.230 G4PCI	Reports of North America AMERICAN WATERS 12230208 W0AMM/MM EM90 2393 50.150 N3DB BAHAMAS	12290538 VE8NSD 59 DP20>BP54 50.125 KL7NO CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B WZ8D 12070437 VE4XR >FN57 50.125 S VE9WGD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPT 559 EN19>FM19 50.036 B N3DB 12110745 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 559 EN19>FM19 1927 B AK3E
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12250940 EALKV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261221 VE4XPH EN19 1954 50.125 12261221 VE4XPH EN19 1954 50.125 122622306 VE6RY 579 D020>EM13 50.125 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K6QXP 12270219 VE7DUB 59 CO88>CM98 1775 041 B K6QX 12270219 VE7DUB 59 CO88>CM98 1674
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12250940 EA1KV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EALKV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EALKV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EALKV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EA1KV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EALKV CQ JT6M 1122 50.230 G4PCI	12280939 GW6TEO JT6M 1535 50.230 J SP9HWY 12280939 GW6TEO IO71LP>IN73DM 904 EB1EHO	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB
12250940 EALKV CQ JT6M 1122 50.230 G4PCI	Reports of North America AMERICAN WATERS 12230208 W0AMM/MM EM90 2393 50.150 N3DB BAHAMAS	CANADA, Western 12050337 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12051347 VE6ARC >EM12CX 2580 50.043 B AD5VJ 12061948 VE4VHF 519 EN19>EM89 1566 B W28D 12070437 VE4XR >FN57 50.125 S VE9WCD 12102343 VE4VHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 579 1854 50.036 B N3DB 12110350 VE4XPHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251454 VE4VHF 439 1854 50.036 B N3DB 12251510 VE4XPH EN19 1927 B AX3E 12251510 VE4XPH EN19 1954 50.125 12261310 VE4XPH EN19 1954 50.125 12261220 VE4XPL D090>EM17 1479 50.125 12262240 VE6EMU, VE6PY, VE7FG, VE7S 12262310 VE6EMU, VE6PY, VE7FG, VE7S 12262313 VE6EMU D033>CM98 1775 041 B K6QXY K8DNR 12262313 VE6EMU D033>CM98 1775 041 B K6QX K8DJ 12262313 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12270221 VE7DUB C0885CNBS 12271451 VE4SPT 559 E026>FN04 1469 B VE3FGU VE7DUB 12290703 VE4SA E015>CO88 50.125 W7MGC VE7DUB VE7DUB

12241356 VY2SS FN76>EN82 1491 50.130 K 12241422 VY2SS ROBBY FN76 153 50.130 V 12241434 VY2SS 1989 50.130 W 12241512 VY2SS 2541 50.130 W	(8MD 1: /Y2GIB 1: /K9O 1: /4ZE 1:	2071416 N3AUS EN91>FN74 1340 50.125 VE1YX 2071418 W3VD FM19>FN74 1135 50.064 B VE1YX 2071454 W3BAO FM29>FN74 994 50.125 VE1YX	12212322 KC4FX S1 TK >EM84 593 .135
PUERTO RICO 12202245 WP4NQR 54 FK68>FK67 111 W	7 /	2071513 KB3LFD FN20>FN74 931 50.145 VE1YX 2102051 W3HH EL89>EM89 1111 50.062 B W28D	12220210 KC4WQ LOUD 1753 50.099 N5CRO 12220301 WA4HFN 4006 50.130 AD6ZJ 12220337 WO4DX 57 EM74>EM17 1128 N0JK
STBARTHELEMY 12050011 FJ5DX 5796 12052310 FJ5DX CQ DX 5331 12110016 FJ5DX 5796 12162341 FJ5DX 5331 12162348 FJ5DX 59+ 5331 50.110 Pi	LUGENC 1: PP5AR 1: PP5AR 1: PP5AR 1: PP5JD 1:	2110707 W3DOG 579 FM28>EN44 1486 B K9MU B 110709 W3VD 529 FM19>EN44 1281 B K9MU B 110717 N3DB 59 FM18>EN44 1340 .125 K9MU 2110724 N3TVV 559 FN20>EN44 1382 K9MU 2110741 W3DOG FM28>EN36 1716 50.071 B K0KP 2110742 K3DB FM18>EN36 1579 50.125 K0KP 2110750 W3VD FM19>EN36 1511 50.064 B K0KP	1222319 W4WRL EM83>FM04 385 55.125 AG4ZE 12230045 K14CYB EL95>FM16 1280 .250 W4RVZ 12230059 K14CYB W/ N2YET 1787 50.125 V23GRU 12230106 W4/WIIS EL99>FN03 1566 .130 V23GRU 12230121 W4CHA 599 EL88>FM19 1341 B AK3E 12230122 K14CYB EL95 STRONG 1677 W28D 12230123 KD4MMI FM05>EL89 765 50.060 B W3HH/4 12230127 W4/W3HH 519 EL89>FM19 1239 B AK3E
ST KITTS & NEVIS IS. 12170002 V44KAI 557 5331 50.055 B P. 12190100 V44KAI 529>GG48 4528 50.055 B P.	PP5JD 1: PY2SRB 1:	2130224 W3/W1IPL FM09 2222 50.125 K0MN 2190121 AB3BK JT6M FN10>EM60 1431 N5BO 2190240 W3CMP 559 FN10 507 50.165 WZ8D	12230129 KI4GBB 59 EL95>FM19 1600 H AK3E 12230133 KG4NLZ 59 EL99>FM19 1170 H AK3E 12230144 W4Y0E 1987 50.130 K1K0
United States, W1 12050045 wiled Seps	1	22301110 W3DOG FM28>ELB9 1234 50.072 B W3HH 2230112 W3DOG FM20>ELB9 1241 50.072 B W3HH 22301136 N3DG FM20>ELB9 574 50.125	12230146 N4KUP 59 EL96>FM19 1492 H AK3E 12230148 K14YEB EL95 1987 50.128 K1KO 12230151 K4AHO 599 EL98>FM19 50.076 B AK3E 12230157 KG4GTR 59 EL95>FM19 1600 H AK3E 12230218 WC4TO CW 1987 50.125 K1KO 12230221 KG4NLZ EL99>FM26 957 50.125 K1KO
12220154 W2GFF W7WA4VUT 2512 50.130 N 12220141 W2GFF 599 EM60>EM17 1204 N 12220207 KE2N 599+ 2512 50.091 N 12230222 W2GGI E1965>FM20 1248 50.150 N 12230228 W2GGI E1965>FM20 1651 50.129 N 12230218 W2GI E1965>FM20 1651 50.129 N 12241447 N2BJ EN61>FM86 1989 50.150 N 12241448 K2DRH EN41 1655 50.180 N 12241448 W2DRH EN41 1655 50.180 N 12251441 N2BJ FN12>EM61 SM6 1989 50.140 N 12251441 N2BJ FN12>EM61 833 50.140 N 12251441 N2BJ FN12>EM61 833 50.140 N 12251441 N2BJ FN12>EM61 833 50.140 N 12251448 N2BJ EN61 996 50.140 N 12270430 N2NFG FM06>EM02 1881 50.125 N 12270448 W2GFF 579 DICK 996 50.096 N 12270512 KD2RH 41 3553 S0.135 N 12270654 KD2NH 559>EM12 2226 50.060 B N 12311538 K2DRH EN41 MS 1655 50.130 N 12311547 K2DRH FN30>EM41 5511 50.125	NSBO 1 NOJK 1 NOJK 1 NOJK 1 NISCRO 1 KIKO 1 W26D 1 W26D 1 W28D 1 KIMS 1 AA2DR 1 KE2N 1 KE2N 1 VE2QRA AE5B 1 KS9MU N7DC 1 AD5VJ W4WA 1 W21V 1 W21V 1	12102104	12050108 WB5LLI EM40>DN70 1681
United States, W3 12042332 KA3VFW >EM12CX 2025 50.125 7 12050109 K3JT CW 50.095 1 12050117 N3LL EN90 338 50.125 1 12050132 K3JT EM99 WVA 358 50.125 1	AD5VJ K3HX K3HX	12212004 N4AVV FM03>EM20 1543 50.125 W5DN 12212008 KI4RO EM90>EM12 1531 50.125 N5WD 12212027 KF4UBK 57-8 EM20>EM30 1178 W5DN 12212029 KI4AOQ FM03>EM12 1679 .125 N5WD 12212211 KI4AOQ FM03 1911 50.130 N5WD 12212311 AC4TO EM70>EM84 482 50.125 W4WA	12090227 N5BO EM83>EM60 503 50.248 AG42E 12100251 KSHV 1334 50.125 XE1KW 12102001 WB5LLI EM40>FN31 2021 .060 B W2IV 12102038 KC5QWG 59 EL98>EN82 1566 N8UP 12102105 KB5SSJ EM44>FM29 1522 .132 NZNRD 12102114 NSJEH/M 57 EM32 2321 50.125 W1JJ

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12102116 KA5B2? EM53 MS 1970	12220247 K6GMV DM04>EM45 2543 50.163 W5ZN 12220308 AA6DD DM13>EM14 2354 50.163 M5IF 12220314 AA6DD DM13>EM12 1865 50.163 AD5VJ 12220820 WA6ICY DM25>EM12 1869 .125 12220820 WA6ICY DM25>EM12 1869 .125 1220827 WA6ESV DM15>EM12 1869 .125 1220837 WA6ESV DM15>EM12 1869 .125 M5WD 1223XXX M6MB DM05SB5CM88 50.069 B K6QXY 12241939 W6KBX CM98>DM33 908 50.125 W7BA 12262035 WA6ES DM03>CN87 1592 50.125 W7BA 12262039 W6GMT CN87>DM04 1483 .125 W7BA 12262039 W6GMT CN87>DM04 1483 .125 W0RLI 12262253 K6NHX DM13>CN85 1428 50.135 W0RLI 12262253 K6NHX DM13>CN85 1428 50.135 W0RLI 1226231 N6NHX 55 DM13>CN85 12262332 W6S DM03-07,13,14,16 -0620 W0RLI 12262330 W6FM 59 QSB CM95>CN85 .145 W0RLI 12262330 W6FM CM95>CN85 1124 50.145 W0RLI 12262330 W6FM 59 QSB CM95>CN85 .145 W0RLI 12262350 W6FM 59 QSB CM95>CN85 .145 W0RLI 12270039 NGCMF 57 DM14>CN85 1014 125 W0RLI 12270101 K6FV 55 CM87>DM20 1578 .067 B KC70TV W0RLI 12270121 K0FVM 59 CM87>DM20 1578 .067 B V26FY N7EPD 12270121 K0FVM 59 CM87>DM20 1578 .067 B V26FY N7EPD 12270121 W6S CN87, 88, 98, 99, DM08 -0447 W7BX N0LL 12270430 W6FW 599 CM87>CN84 50.069 B KC70TV W7BX 12270400 K6FV 599 CM87>CN84 50.069 B KC70TV W7BX 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM87>CN84 50.069 B KC70TV W275KA N7DB 12270430 K6FV 599 CM8	12270624 W8JOD/M EM18 1726 50.185 N3DB 12270647 NF8M S9 EN12>EN82 1146 .099 AD5VJ 12271301 W81F EM79>E186 1457 50.145 VE9KAR 12291317 W81F 55 EM79>E186 1457 50.145 W28D 12291333 W8GEX EM79>E186 1457 50.145 W28D 12291333 W8GEX EM79>E186 1457 50.145 W28D 12301236 W28D 559 E186>FM08 1385 W4TJ 12301616 N8CJK CW 1346 50.125 W4WA 12302115 W28D 449 E186>EM79 1457 B W8TF 12302155 W8/K9MU SSB EN67 1114 .125 N3DB 1231233 W81F EM79>FM08 530 50.145 W4TJ 12312324 N8CJK CW 1346 50.125 N4DB
12220312 WSSSG 59 EMI1PEN43 1434 12220312 WSSSG 59 EMI1PEN43 1434 12220323 WSSWS 59 DM65>EM17 920 .160 12220343 WSWVO 599 >WS 1820 50.160 12220343 WSWVO 599 >WS 1820 50.160 12220343 WSWVO 599 >WS 1820 50.160 12220409 NSWD 12220411 NSHMH EM32>FN20 1833 50.124 12220431 WSWVO DM65>EM17 920 50.135 12230413 KDSWRE 50.125 12240249 ADSVJ 1337 12240347 WSWVO N.M 1820 50.125 12240340 WSWVO 59 DM65>EM89 2156 12240340 WSWVO 59 DM65>EM89 2156 12240340 WSWVO 59 DM65>EM89 2156 12240340 WSRP DM91>EN36 1802 50.125 12240340 WSRP DM91>EN36 1802 50.074 B WGRIN 12240346 NSKWB 59 EM32>EM42 187 50.135 122404346 NSKWB 59 EM32>EM42 187 50.135 122404346 NSKWB 59 EM32>EM42 187 50.135 122404346 WSRP DM91>EN36 1802 50.125 122404346 WSRP DM91>EN36 1802 50.125 12240343 WSWVO DM65>EM60 1941 50.145 NSBO 122404346 WSRP DM91>EN36 1802 50.125 122404348 WSRVO DM65>EM60 1941 50.145 NSBO 12240451 KSWCR EM32>EM45 765 50.266 12251438 WSRN 539 2271 12251438 WSRN 539 2271 12251646 KSSW 529 EM25>FN46 2341 12251532 KSAA EM40>FN42 2220 50.125 12251533 KSAA EM40>FN42 2220 50.125 12251531 KSAC 1753 12251611 KS7? EM46 1903 12251624 WBSLLI 599 EM46>FN30 1624 .150 12251637 KESFWT 57 EM46FM19 1269 12251638 KSFA EM43>EM5 FN4 1806 12251638 KSFA EM43>EM5 FN4 1806 12251638 KSFA EM43 PM16 1316 50.097 12251638 KSFA EM3>EM5 FN4 1806 12251645 KASUSA 57 EW04>FM19 1617 12251671 KSFA EM3>EM5 FN4 1806 12251805 WSBSLLI 559 1627 12251704 KSFA EM3>EM5 FN4 1806 12251816 NSBO S9 EM60>EM10 FN4 1806 12251825 NSBO EM60 12251835 NSESW TS SEM11 2051 12251704 KSFA EM3>EM5 FN5 EM10 FN6 NSN 12251955 WSRP 599 1753 12251070 KSFA EM3>EM5 FN5 EM10 FN6 NSN 12251955 WSRP 599 1753 12251070 KSFA EM3>EM5 FN5 EM10 FN6 NSN 12251955 WSRP 599 1753 12251070 KSFA EM3>EM5 FN5 EM10 FN6 NSN 12251955 WSRP 599 1753 12251070 KSFA EM3>EM5 FN6 EM5 FN6 EM5 FN6 EM5 FN6 EM3 FN8 EM3 F	United States, W7 12052342 AB701 EM12 1511	12050029 KB9UMI ENTOGY>EM12 (1303

12050007	NOLNE DM79>EM55 1477 50.125		N4LI
	KAOABA EN10>EM83 1463 .130		AG4ZE
12050024			AG4ZE
12050028 12050032			KC9ECI AG4ZE
12050034			N4LI
12050036	NOUQC EM83>EM58 774 50.130		AG4ZE
12050038	NOEYE EM15 1344 50.160		WZ 8D
12050039	KCOATQ EM83>EM29 1261 .130 KOUO 599 EM07 1419 50.080	В	AG4ZE WZ8D
12050155	KOEC 1139 50.069	В	
12051655	KOKP 439-559 2377 50.073	В	N3DB
12052157	KOVUY EM48 LOUD 1213 50.145		WZ8D
12052311	KOGKV/M EM17>EM60 1204 .150	В	N5BO N5BO
12052326	KOUO 539 EM07>EM60 1350 080 W0/W6OAL DM79>CM87 1579 125 W0/W6OAL DM79>CM98 50.125	D	KB6NAN
12052337	W0/W6OAL DM79>CM98 50.125		KC6ZWT
12052350	KC0HOV EM29>CM87 2436 .125		KB6NAN
12060000	~NOLL, WBORMO, KOUO, WOs >CM88	В	K6QXY W4TJ
12061352 12061425	KOVUY 59 Sc 2516 50.125 KOVUY EM48>FN74 2254 50.125		VELYX
12061513	KOKP 599 EN36>FN10 1448 073	В	AB3BK
12061519	WB0CGN 59 EN34>FN30 1693		AA2DR
12061935		В	WZ8D
12100610	KOXXX 44A EM46>EM60 763 254 KOKP 599 EN36>FM08 1448 073	В	N5BO W4TJ
12102329	WAORXR EN42>FN42 1635 .125	-	WAINYV
12102347	KOGUV 319 2377 50.008	В	N3DB
12110544	WODB EN11>FM16 1810 50.125		W4RVZ
12110552	KB0QCR EN23>FM16 1714 .125 WB0RMO 539 2377 50.060	-	W4RVZ
12110615	WBORMO 539 2377 50.060 NOLL 429-319 2377 50.077	B	
12110726	KOGUV 559 2377 50.008	B	
12110727	KOKP 579 2377 50.073	В	N3DB
12110740	KOKP 55-59 2377 50.125		N3DB
12112315 12122040	W000G EM13 977 50.125 W000G EM13 1620 50.125		AE5B KG4NZR
	KCORWC 2516 50.125		WA4CQG
12130421	KOKP 439 Sc 2377 50.073	В	N3DB
12160335	KOKF 439 Sc 2377 50.073 NOLL EM09 MS 1365 50.078	В	
12162358	WOKJY DN71 1496 50.260		KB9POI
12170219 12180440	KOVUY 59 EM48>FM08 1043 145 KOVUY EM48 1213 50.145		W4TJ WZ8D
12181415	KOYUY EM48 BSc 1213 50.125		WZ8D
12190323	KOVUY 59 EM48 1213 50.145		WZ 8D
12212258	KOUO 559>EM92 2286 50.080	В	KRIST
12212350	KCOKGZ EN10>EM60 1453 .125 KOVUY 59 1139 50.140		KO4BB
12220119	KOVUY 59 1139 50.140 NOLL EM09>EL89 1835 50.077	В	W5SSG W3HH
12220214	NOLL EM09>EL89 1835 50.077 KOUO EM07>EL99 1886 50.080	В	WI1S
12220243	NOVZJ EN35>EM10 1703 50.135		AA5VU
12220405	KCOMEA DM79>EM12 1058 .150 KAOPQW EN33>EM90 1791 .125		N5WD
12220414	KAOPQW EN33>EM90 1791 .125 WOXK EM29>EM90 1617 50.130		KI4RO KI4RO
12220447	KA0PQW 589 EN33>EL99 1885		KI4FIA
12220455	WOIJR S9 DM79 1139 50.065	В	N5WD
12240232	WOIJR DM79>EM13 977 50.065	B	W5OV
12240252	NOVZJ EN35>EM12 1485 50.125 WOMTW EN24>EM12 1345 50.125		AD5VJ AD5VJ
12240331	KOKP 569 2377 50.073	В	N3DB
12240342	KCOMEA 59 1139 50.140		NSASA
12240351	KOKP EN36>EL89 2079 50.073	В	W3HH
12240415	KCORWC 59 DN70>EM42 1532 KAOPQW EN33>EM60 1539 .125		N5ASA N5BO
12240450	KAOPQW EN33>EM60 1539 .125 NOLL EM09>EL89 1835 50.077	В	W3HH
12240500	KODLW DN76>EM12 1698 50.125		AD5VJ
12251421	ABOHF EN32 1472 50.125		K2CAN
12251423	ABOHF 59 EN32>FN30 1676 WORT 59 EM27>FN30 1924 .140		AA2DR
12251434	WORT 59 EM27>FN30 1924 .140 KOGUV 2377 50.008	В	AA2DR N3DB
12251453	KOKP EN36>FN12 1341 50.130	_	K2CAN
12251458	WODXZ EN41>FN42 1652 50.150		WAINYV
12251459	KOKP 559 EN36>FM19 1511	В	AK3E
12251505	KOKP EM36 1458 50.130 NOAFT EM48>FN42 1743 50.125		
12251527			WA1NYV
	KC0KGZ 59 EN10>FN30 2022		WA1NYV AA2DR
12251533	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160		WA1NYV AA2DR K2CAN
12251620	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160 KOOU 559 EM07>FM19 1922		WA1NYV AA2DR K2CAN AK3E
12251620 12251635 12251640	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160 KOOU 559 EM07>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EM27>FM19 1579 .132	В	WA1NYV AA2DR K2CAN AK3E W5SSG
12251620 12251635 12251640	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160 KOOU 559 EM07>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EM27>FM19 1579 .132	В	WAINYV AA2DR K2CAN AK3E W5SSG AK3E KI4RO
12251620 12251635 12251640 12251722 12251727	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EM27>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOOGG 57 EM13>FM19 1902	B H H	WAINYV AA2DR K2CAN AK3E W5SSG AK3E KI4RO AK3E
12251620 12251635 12251640 12251722 12251727 12251818	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160 KOOU 559 EM07>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EM27>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 50.125	B H H	WAINYV AA2DR K2CAN AK3E W5SSG AK3E KI4RO AK3E KG4NZR
12251620 12251635 12251640 12251722 12251727 12251818 12251819	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160 KOOU 559 EM07>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EM27>FN19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 50.125 KCOQMO EM39>EM90 1479 .130	B H H	WAINYV AA2DR K2CAN AK3E W5SSG AK3E KI4RO AK3E KG4NZR KI4RO
12251620 12251635 12251640 12251722 12251727 12251818 12251819	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160 KOOU 559 EM07>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EM27>FN19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 50.125 KCOQMO EM39>EM90 1479 .130	B H H	WAINYV AA2DR K2CAN AK3E W5SSG AK3E KI4RO AK3E KG4NZR
12251620 12251635 12251640 12251722 12251727 12251818 12251819	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160 KOOU 559 EM07>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EM27>FN19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 50.125 KCOQMO EM39>EM90 1479 .130	B H H	WAINYV AA2DR K2CAN AK3E W5SSG AK3E KI4RO AK3E KI4RO KG4NZR KI4RO KG4NZR KI4RO VE6PY
12251620 12251635 12251640 12251722 12251727 12251818 12251819 12251824 12251927 12262257 12262257	KCOKGZ 59 EN10>FN30 2022 KCOKGZ EN10>FN12 1676 .160 KOOU 559 EM07>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EM27>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 50.125 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39>EM90 1275 50.130 NOLRF EM48>EM90 1275 50.125 KBONR EN35>DC20 1720 50.125 WOUJSP EM79>CN88 -0214	В	WA1NYV AA2DR K2CAN AK3E W5SSG AK3E K14RO AK3E KG4NZR K14RO KG4NZR K14RO VE6PY VE7SKA
12251620 12251640 12251727 12251818 12251819 12251824 12251827 12262257 12262257 12262320	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FNI2 1676 .160 KOOU 559 EMO7>FMI9 1922 WOTMM FMO4>EMI1 1708 50.125 WOVD 55 EMZ>FMI9 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EMI3>FMI9 1902 WOCOF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.128 WOUTK DM59>CN88 -0214 WOMTK DM59>CN88 -0214	в н н	WAINYV AA2DR K2CAN AK3E W5SSG AK3E K14RO AK3E KG4NZR K14RO KG4NZR K14RO VE6PY VE7SKA WORLI
12251620 12251635 12251640 12251722 12251818 12251819 12251824 12251927 12262257 12262313 12262320 12270000	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FNI2 1676 .160 KOOU 559 EMO7>FMI9 1922 WOTMM FMO4>EMI1 1708 50.125 WOVD 55 EMZ>FMI9 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EMI3>FMI9 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.128 KBONR EN35>DO20 1720 50.28 WOJTR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.065 -WOJTR WOS CO >CM88	в н н в в в в в	WAINYV AA2DR K2CAN AK3E W5SSG KI4RO AK3E KI4RO AK3E KI4RO KG4NZR KI4RO VE6PY VE7SKA WORLI K6OXY
12251620 12251635 12251640 12251722 12251818 12251819 12251824 12251927 12262257 12262313 12262320 12270000	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FNI2 1676 .160 KOOU 559 EMO7>FMI9 1922 WOTMM FMO4>EMI1 1708 50.125 WOVD 55 EMZ>FMI9 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EMI3>FMI9 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.128 KBONR EN35>DO20 1720 50.28 WOJTR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.065 -WOJTR WOS CO >CM88	в н н в в в в в	WAINYV AA2DR K2CAN AK3E W5SSG AK3E K14RO AK3E K14RO KG4NZR K14RO VE6PY VE6PY W6BO W6BO W6BO W6BO W6BO W6BO W6BO W6BO
12251620 12251635 12251640 12251722 12251818 12251819 12251824 12251927 12262257 12262313 12262320 12270000	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FNI2 1676 .160 KOOU 559 EMO7>FMI9 1922 WOTMM FMO4>EMI1 1708 50.125 WOVD 55 EMZ>FMI9 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EMI3>FMI9 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.128 KBONR EN35>DO20 1720 50.28 WOJTR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.065 -WOJTR WOS CO >CM88	в н н в в в в в	WALNYV AA2DR K2CAN AK3E W5SSG AK3E KI4RO AK3E KG4NZR KI4RO KG4NZR KI4RO VE6PY VE7SKA W0RLI K6QXY W6BO KC9ECI AK3E
12251620 12251635 12251640 12251722 12251818 12251819 12251824 12251927 12262257 12262313 12262320 12270000	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FNI2 1676 .160 KOOU 559 EMO7>FMI9 1922 WOTMM FMO4>EMI1 1708 50.125 WOVD 55 EMZ>FMI9 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EMI3>FMI9 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.128 KBONR EN35>DO20 1720 50.28 WOJTR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.065 -WOJTR WOS CO >CM88	в н н в в в в в	WAINYV AA2DR K2CAN AK3E W5SSG AK3E K14RO AK3E K14RO KG4NZR K14RO VE6PY VE6PY W6BO W6BO W6BO W6BO W6BO W6BO W6BO W6BO
12251620 12251635 12251640 12251727 12251818 12251819 12251824 12251927 12262313 12262320 12270301 12270321 12270321 12270403 12270409	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FN19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ7>FN19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FN19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .133 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.125 KBONR EN3>DO20 1720 50.125 WOJJR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.065 WOJJR, WOS CO >CM88 WOJJR, S3 1579 50.065 KOMN EN43 1245 50.130 KCOREO 59 2377 50.125 KAOPQW 57 EN33>FM19 1401 WBOCFF EN33>FM19 1401 .100	в н н вввв	WALNYV AA2DN AA2DN AK3E W\$585G AK3E K!4RO K!4RO KG4NZR K!4RO KG4NZR K!4RO VE6PY VE6PY W0RLI K6QXY W6BO KC9PCI AK3E AK3E NS3T
12251620 12251635 12251640 12251722 12251727 12251818 12251824 12251924 1225122 12262257 12262310 12270301 12270313 12270313 12270403 12270403 12270403 12270403 12270403	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.128 KBONR EM35>DO20 1720 50.28 WOJUR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.065 -WOJJR, WOS CO >CM88 WOJJR 53 1579 50.065 KONN EN43 1245 50.130 KCOREO 59 2377 KAOPQW 57 EN33>FM19 1401 .096 KAOPQW 2516 50.125	B H H B B B B	WALNYV AA2DR K2CAN AK3E K14RO AK3E K14RO AK3E K14RO K14RO K14RO K14RO K14RO K14RO K14RO W15SSG K14RO K14RO K14RO K14RO K14RO K14RO W15SSG M17SSG M17S
12251620 12251635 12251640 12251722 12251727 12251818 12251824 12251924 1225122 12262257 12262310 12270301 12270313 12270313 12270403 12270403 12270403 12270403 12270403	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.128 KBONR EM35>DO20 1720 50.28 WOJUR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.065 -WOJJR, WOS CO >CM88 WOJJR 53 1579 50.065 KONN EN43 1245 50.130 KCOREO 59 2377 KAOPQW 57 EN33>FM19 1401 .096 KAOPQW 2516 50.125	B H H B B B B	WALNYV AA2DR K2CAN K2CAN K2CAN K2CAN K3E K3SSG AK3E KG4N2R K14RO KG4N2R K14RO VE6PY VE7SKA W0RLI K6CXY W6BO KC9ECI AK3E AK3E NK3T NK3T NK3T NK3T NK3T
12251620 12251635 12251640 12251722 12251727 12251818 12251824 12251924 1225122 12262257 12262310 12270301 12270313 12270313 12270403 12270403 12270403 12270403 12270403	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.128 KBONR EM35>DO20 1720 50.28 WOJUR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.065 -WOJJR, WOS CO >CM88 WOJJR 53 1579 50.065 KONN EN43 1245 50.130 KCOREO 59 2377 KAOPQW 57 EN33>FM19 1401 .096 KAOPQW 2516 50.125	B H H B B B B	WALNYV AA2DR K2CAN AK3E K14RO AK3E K14RO AK3E K14RO K14RO K14RO K14RO K14RO K14RO K14RO W15SSG K14RO K14RO K14RO K14RO K14RO K14RO W15SSG M17SSG M17S
12251620 12251635 12251640 12251722 12251727 12251818 122518194 12251924 12251924 12262257 12262310 12270301 12270401 12270402 12270403 12270403 12270404 12270517 12270546 12270557 12270603	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ7>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.125 KOOQMO EM39 1645 50.125 WOLUR EM48>EM90 1275 50.128 KBONR EM35>DO20 1720 50.125 WOLUR DM79>CN88 -0214 WOMMYK DM59>CN85 1324 50.065 WOLUR 53 1579 50.065 KOMN EN43 1245 50.130 KCOREO 59 2377 50.125 KADPQW 57 EN33>FM19 1401 .096 KADPQW 2516 50.125 KOKR GUD SIG 2516 50.128 WOMTW EN24>FM06 1614 50.128 WOMTW EN24>FM06 1614 50.128	в н н вввв	WALNYV AA2DR K2CAN AK3E W55SG AK3E K14RO K64NZR K14RO K64NZR K14RO VE6PY VE6PY VE7SKI K60XY W6BO KC9BCI AK3E AK3E AK3E K74TVI K40XY K74TVI K40XY
12251620 12251635 12251640 12251722 12251727 12251818 122518194 12251924 12251924 12262257 12262310 12270301 12270401 12270402 12270403 12270403 12270404 12270517 12270546 12270557 12270603	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ7>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.125 KOOQMO EM39 1645 50.125 WOLUR EM48>EM90 1275 50.128 KBONR EM35>DO20 1720 50.125 WOLUR DM79>CN88 -0214 WOMMYK DM59>CN85 1324 50.065 WOLUR 53 1579 50.065 KOMN EN43 1245 50.130 KCOREO 59 2377 50.125 KADPQW 57 EN33>FM19 1401 .096 KADPQW 2516 50.125 KOKR GUD SIG 2516 50.128 WOMTW EN24>FM06 1614 50.128 WOMTW EN24>FM06 1614 50.128	в н н вввв	WALNYV AA2DR K2CAN AK3E K14RO AK3E K14RO K
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12251620 12251635 12251640 12251722 12251727 12251818 12251819 12251824 12251927 12262310 12270000 12270313 12270313 12270313 1227031 12270402 12270403 12270546 12270546 12270546 12270547 12270547 12270547 12270547 12270547 12270547 122710603 12271040 12271040	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ7>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 50.125 KCOQMO EM39 EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.128 KBONR EN35>DO20 1720 50.128 KBONR EN35>DO20 1720 50.128 WOJTR DM79>CN88 -0214 WOMTK DM59>CN88 1324 50.065 WOJJR, WOS CO >CM8 WOJJR 53 1579 50.065 KOMN EM43 1245 50.130 KCOREO 59 2377 50.125 KADPQW 57 EN33>FM19 1401 WBOCFF EN34>FM19 1401 WBOCFF EN34 WBOCFF EN34>FM19 1401 WBOCFF EN34 WBOCFF EN34 WBOCFF EN34 WBOCFF EN34 WBOCFF EN34 WBOC	в н н вввв	WALNYV AA2DR K2CAN AK3E K2CAN AK3E K14RO AK3E K14RO KG4N2R K14RO VE6FY VE7SK1 K6GN2R K14RO KC9ECI AK3E NS3T NS3T KF4TVI K40RU
12251620 12251635 12251640 12251727 12251818 12251819 12251827 12262257 12262310 12270300 12270313 12270321 12270403 12270403 12270403 12270403 12270403 12270403 12270546 12270546 12270546 12270540	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ7>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39 1645 50.125 WOLUTE EM48 1445 KCOQMO EM39>EM90 1720 50.125 WOLUTE EM48>EM90 1275 50.125 WOLUTE DM79>CN88 -0214 WOMTK DM59>CN81 3124 50.065 WOLUTE SM 50 COC > CM88 WOLUTE SM 50 C	в н н вввв	WALNYV AA2DR K2CAN K2CAN K2CAN K2CAN K3E KG4N2R K14RO NE6PY VE7SKA WORLI K6CXY W6EO KC9ECI AK3E NS3T NS3T NS3T NS3T NS3T NS3T NS4TVI K64MAU K4MAU K4MAU K6MAU K6CXO K67OTV K9MU N3DB
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12251620 12251635 12251645 12251722 12251727 12251819 12251827 12262257 12262257 12262257 1226231 12270400 12270400 12270400 12270401 12270402 12270402 12270403 12270404 12270546 12270546 12270546 12270546 12270546 12270546 12270547 12270546 12270547 1227	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ7>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EM13>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .133 KCOQMO EM39 1645 NOLRF EM48>EM90 1275 50.128 WOTM 50 EM3>DCO 1720 50.125 WOTM 50 EM3>DCO 1720 50.125 WOTM 50 EM3>DCO 1720 50.125 WOTM 50 EM59>CN88 1324 50.065 WOTM 50 EM59>CN89 100 100 100 100 100 100 100 100 100 10	в н н вввв	WALNYV AA2DR K2CAN K2CAN K2CAN K2CAN K2CAN K3E KG4N2R K14RO K3A1E K6AN2R K14RO K6ANA K14RO K6ANA K14RO K6ANA K14RO K14R
12251620 12251635 12251645 12251722 12251727 12251819 12251829 12251827 12262257 12262257 12262257 1226231 12270400 12270400 12270400 12270401 12270546 122705546 122705546 122705546 122705546 122705546 122705546 122705554 12280554 12280554 12280554 12280554	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ7>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOGE 57 EM13>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 NOLRF EM48>EM90 1275 50.128 WOTMS EMSS>CN81 5124 50.125 WOJJR DM79>CN88 -0214 WOMTK DM59>CN85 1324 50.65 WOJJR, WOS CO >CM88 WOJJR, S3 1579 50.665 WOJJR, WOS CO >CM88 WOJJR, S3 1579 50.125 KOMPA EM31 1245 50.125 KOMPA EM31 1245 50.125 KOMPA EM31 51579 50.125 WOMTK DM59>CN85 150.125 WOMTW EM23 1245 50.125 WOMTW EM23 1245 50.125 WOMTW GUD >SC 2516 50.125 WOMTW GUD >SC 2516 50.128 WOMTW EM24>FM06 1614 50.128 WOMTW EN24>EM96 1614 50.128 WOMTW EN24>EM96 1614 50.128 WOMTW EN24>EM96 1614 50.128 WOMTW EN24>EM95 1552 50.125 KOUP GW ATT 2377 50.066 KOMP GW ATT 2377 50.066 KORP GUD EMO7>DM04 WOMTK EN24>EM95 1552 50.125 WOMTW EN24>EM95 1552 50.125 WOMTW GUD >SC 2516 50.128 WOMTW EN24>FM06 1614 50.128 WOMTW GUD >SC 2516 50.125 WOUNTS GUD >SC 2516 50.125	в н н вввв	WALNYV AA2DR K2CAN AA3B K2CAN AK3E K14RO AK3E K14RO KG4N2R K14RO VE6FY VE7SK1 K6GN2R K14RO KC9ECI AK3E NS3T NS3T KF4TVI K40RU
12251620 12251635 12251727 12251818 12251727 12251818 12251829 12251829 12262257 1226231 12270301 1227031 1227031 12270402 12270402 12270402 12270402 12270402 12270403 12270517 12270517 12270517 12270505 12270609 12270609 1227070619 122710409 122710409 122710409 122710409 122710409 122710409 122710409 122710409 122710409 122710409 122710409 122710409 12280544 12280544 12280526 12280534 12280526	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCOG 57 EMI3>FM19 1902 WOCYF EM48 1445 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39 1645 50.125 KCOQMO EM39>EM90 1275 50.125 KOLOMO EM39 1645 50.130 NOLRF EM48>EM90 1275 50.125 WOJUR DM79>CN88 -0214 WOMTK DM59>CN81 3124 50.065 WOJUR 53 1579 50.065 WOJUR WOS CO >CM88 WOJUR 53 1579 50.065 KONN EN43 1245 50.130 KCOREO 59 2377 50.125 KORN EM43 1245 50.130 KCOREO 59 2377 50.125 KORP GW 57 EN33>FM19 1401 .096 KADPQW EN33>FM19 1401 .096 KADPQW EN33>FM19 1401 .096 KADPQW EN33>FM19 1401 .096 KADPQW EN33>FM19 1401 .096 KADPGW EN33>FM19 1501 .125 KOKF GOB AUR 1535 50.128 WOMTW EN24>FM06 1614 50.128 WOMTW EN24>FM06 1614 50.128 WOMTW EN24>FM06 1552 50.128 KOUT EMOT>DM04 WOMTK S99 DM59>CN84 KOKF 60% AUR 1535 50.073 KADPQW MATT 2377 50.125 KOUGZ EN1O>FN31 2010 .140 KAOABA EN1O>FN31 2010 .125 NOJJQ EN1>FN31 2010 .125 NOJJQ EN21>FN31 1826 50.135 KGOLD EN1O>FN31 2010 .50.125 KOUTY EM40>FN53 12010 50.125 KOUTY EM40>FN53 12010 50.125 KOUTY EM40>FN53 12010 50.125	в н н вввв	WALNYV AA2DR K2CAN AK3E W55SG AK3E KI4RO KK4RO KK7OTV K9MU KK1V WZ1V WZ1V WZ1V
12251620 12251635 12251645 12251722 12251727 12251819 12251829 12251821 12251821 12251821 12262313 12262320 12270301 12270321 12270402 12270402 12270402 12270402 12270546 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12280554 12280554 122805531 12290239 12291334	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FMO4>EM11 1708 50.125 WOVD 55 EMZ*7FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCYF EM48 1445 50.125 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39>EM90 1479 .130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.125 WOJJR DM79>CN88 -0214 WOMTK DM59>CN88 1324 50.065 WOJJR, WOS CO >CM8 WOJJR 53 1579 50.065 KOMN EN43 1245 50.130 KCOREO 59 2377 50.125 KADPQW 57 EN33>FM19 1401 WBOCFF EN34>FM19 1401 WBOCFF EN34 WBO	в н н вввв	WALNYV AA2DR K2CAN K2CAN K2CAN K2CAN K2CAN K2SSG AK3E KG4NZR K14RO K6QXY W6BO KC9ECI AK3E AK3E AK3E AK3E AK3E AK3E AK3E AK3E
12251620 12251635 12251645 12251722 12251727 12251819 12251829 12251821 12251821 12251821 12262313 12262320 12270301 12270321 12270402 12270402 12270402 12270402 12270546 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12270554 12280554 12280554 122805531 12290239 12291334	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FMO4>EM11 1708 50.125 WOVD 55 EMZ*7FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCYF EM48 1445 50.125 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39>EM90 1479 .130 NOLRF EM48>EM90 1275 50.128 KBONR EN35>DO20 1720 50.125 WOJJR DM79>CN88 -0214 WOMTK DM59>CN88 1324 50.065 WOJJR, WOS CO >CM8 WOJJR 53 1579 50.065 KOMN EN43 1245 50.130 KCOREO 59 2377 50.125 KADPQW 57 EN33>FM19 1401 WBOCFF EN34>FM19 1401 WBOCFF EN34 WBO	в н н вввв	WALNYV AA2DR AA2DR AA2DR AA2DR AA2DR WSSSG AK3E KI4RO KI4RO KG4NZR KI4RO KG4NZR KI4RO KG4NZR KI4RO KG9NZR KG9NZ K
12251620 12251635 12251645 12251722 12251818 12251819 12251827 12262313 12262313 12262313 12270301 12270313 12270321 12270409 12270409 12270409 12270409 12270517 122	KCOKGZ 59 ENIO>FN30 2022 KCOKGZ ENIO>FN12 1676 .160 KOOU 559 EMO7>FM19 1922 WOTMM FM04>EM11 1708 50.125 WOVD 55 EMZ7>FM19 1579 .132 KOSQ EN35>EM90 1966 50.152 WOCYF EM48 1445 50.125 KCOQMO EM39>EM90 1479 .130 KCOQMO EM39>EM90 1720 50.128 KGOQMO EM39>EM90 1720 50.128 KGOQMO EM39>EM90 1720 50.128 KGORM EM39>CM88 -0214 WOMTK DM59>CN88 1324 50.065 WOIJR DM79>CN88 1324 50.065 WOIJR 53 1579 50.065 WOIJR 53 1579 50.125 KOMN EM43 1245 50.130 KCOREO 59 2377 50.125 KADPQW 57 EN33>FM19 1401 WBOCFF EN34>FM19 1401 WBOCFF EN34 WOUNTW EN44>FM19 1401 WBOCFF EN34 WOUNTW EN44>FM19 1401 WBOCFF EN34	в н н вввв	WALNYV AA2DR AA2DR AA2DR AA2DR AA2DR WSSSG AK3E KI4RO KI4RO KG4NZR KI4RO KG4NZR KI4RO KG4NZR KI4RO KG9NZR KG9NZ K

Reports of Oceania

AUSTRALIA, General
12060316 VK TV VID >CM88 46.172/.240 V K6QXY
12130224 VK TV VID S1 46.172/.240 V K6QXY

Australia-New		Wales
12070028 VK2DHV 52	9	

120/0028	VKZRHV	529		В	ZL3NW
12071007	VK2APG	57 >RE57LG			ZL3FV
12080027	VK2RHV	559			ZL3NW
12180407	VK2FHN	CQ CW 7851	50.111		JG3LEB
12180415	VK2RHV	7851	50.288	В	JG3LEB
12180421	VK2FHN	>PM95	50.110	H	JE1CUS
12180430	VK2BXT	>PM95	50.115	S	JE1CUS
12270630	VK2BH0	80K JOHN 2025	50.140		ZL4PW
12280523	VK2APG	CQ 2025	50.110		ZL2DX
12300056	VK2RHV	549 >RE78KV	50.288	В	ZL
12300727	VK2BHO	SSB 7851	50.110		JG3LEB
			50.2879	В	JG3LEB
12300728	VK2RHV	7851	50.288	В	JG3LEB
12302339	VK2RHV	>RE66		В	ZL3NW

Australia-Victoria-VK3

12010319	VK3XQ	>QM05	50.110	H	JA1VOK
12010329	VK3AMK	>QM05	50.140	H	JA1VOK
12010330	VK3DUT	>QM05	50.110	H	JA1VOK
12010330	VK3VG	>PM95	50.110	S	JE1CUS
12010330	VK3VG	>QM05	50.110	Н	JA1VOK
12010335	VK3DUT	>PM95	50.110	H	JE1CUS
12010337	VK3XQ	>PM95	50.130	C	JE1CUS
12020425	VK3DUT	>QM05	50.110	H	JA1VOK
12302336	VK3XQ		50.110		VK3SIX

Australia Quancland VKA

Ausu al	ца-Vu	eensianu- v	74		
12020425	VK4RGG	>QM05	50.058	В	JA1VOK
12020430	VK4WTN	>QM05	50.125	H	JA1VOK
12020432	VK4WS	>QM05	50.110	H	JA1VOK
12020436	VK4ZQ	>QM05	50.110	Н	JA1VOK
12070351	VK4RGG	559 VK4TWR 59		В	ZL3NE/1
12070958	VK4TWR	52 >RE57LG			ZL3FV
12080349	VK4RTL,	VK4RGG >RE66		В	ZL3NW
12080522	VK4RGG	559 >QF56NE		В	VK2XQ
12080548	VK4RGG	599 >QF21RW	50.058	В	VK3DOU
		CQ SSB 6257	50.110		JG3LEB
12180418			50.058	В	JG3LEB
12180426			52.347	B	JG3LEB
		419 6257	50.087	В	JE2XBY
12280315			50.110		ZL2DX
12290338		3253	50.145		ZL2DX
12300954	VK4WR			W	ZL3JT

South Australia-VK5

12070924	VK5RBV	579 BAROSSA	V315	B	VK2XQ
12300304	VK5VF	529		B	VK6RO
12302339	VK5VF	>RE66		В	2L3NW
12310443	VK5RBV	>RE66	50.314	В	ZL3NW

West Australia-VK6

11 636 11	T ET CO ET	H164-	VILL			
12070946	VK6JR	54 W	KG VK2s	>PF95GA	H	SWL
12290420	VK6IP	559	>QF21R	W 50.115		VK3DOU
12300425	VK6RPF	519	>OF32		B	VK3DUT

Australia-Tasmania-VK7

12010400	VK7JG	>PM95	50.140	S	JE1CU
12070812	VK7RST	579 >QF56NE		В	VK2XC
12300746	VK7RST	529 >RE66		В	ZL3NW
12302339	VK7RST	>RE66		В	ZL3NW
	12010400 12070812 12300746	12010400 VK7JG 12070812 VK7RST 12300746 VK7RST		12070812 VK7RST 579 >QF56NE 12300746 VK7RST 529 >RE66	12010400 VK7JG

Australia-Northern Terr.

12070316	VK8RAS	579 -04	450	>PF95GA	В	SWL
12070339	VK8RAS	529			В	VK3DUT
12290129	VK8RAS	569		50.046	B	VK6JJ
12300136	VK8RAS	559 >PI	ERTH		В	VK6RZ
12300611	VK8RAS	599 >PI	474	50.0465	В	JG3LEB
12300611	VKERAS	STRONG	543	9 50.047	B	JG3LEB

Australia-VK9

	080056	VK9AA	14853	50.110	PT7
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NEW CALEDONIA

12070337	FK8SIX	>RE	676	В	ZL3NW
12071020	FK8SIX	599		В	VK2XQ
12080435	FK8SIX	579	>QF56NE	В	VK2XO
12080521	FK8SIX	559	RG37FR>QF21RW	В	VK3DOU
12260506	FK8SIX	599	>QF56NE	В	VK2XO
12262350	FK8SIX	539		В	ZL3NW
12280754	FK8SIX	539	>RE66	В	ZL3NW
12290057	FK8SIX	539		В	VK6JJ
12290549	FK8SIX	539		В	ZL3NW

NEW ZEALAND

12100128	ZL4LV 59+ >QF32 50.130		VK3DU'
12120048	ZL TV VID >CM88 45.240/.260		K6QXY
12121900	ZL TV VID S1 45.240/.250	V	K6QXY
12161814	ZL TV VID 45.240/.250/.260	V	K60XY
12161840	ZL TV AUD Q5S1 50.740	F	K60XY
12181813	ZL3NW 24 CQ 18261 50.202		ON4IO
12230134	ZL TV VID WEAK >CM88 45.250	v	K6QXY
12250053	ZL TV VID S1 45.240/.250	V	K60XY
12252018	ZL TV VID S1-3 45.230/.260	V	
12270122	ZL TV VID 45.240/.260	V	K60XY
12272222	ZL1ADP, ZL1AVZ >RE57		ZLSTY
12282237	ZL3TY 59 50.140		VK4CZ
12302244	ZL3FV 52 RF57LG		VK3EK
12302320	ZL3AFZ W/ VK7NO 2265 50.110		VK3SI
12302321	ZL3SIX 599 RE66 2286 50.040	В	VK3SI
12302332	ZL3NE 559 BOB 2265 50.110		VK3SI
12310005	ZL3SIX 549 -0055 >PF95GA	В	SWL

SAMOA, AMERICAN 12252142 AH8 TV NTSC VID>RE66 55.250 V ZL3MF

Reports of South America

ARCENTINA

TARGULA	ATTITE			
12042244	LU5VV	50.110		LU6ENC
12042321	LUIWDY	50.070	B	LU6ENC
12042346	LUSVV	50.110		LU6ENC
12050124	LU3HR FERNANDO FF76 5	353		FM5JC
12130141	LW3EX 559 WALTER 5112	.110		YV5LIX
12132318	LU8WAT 55>GF15 183	50.110		CX4CR
12200026	LW3EX CQ 1158	50.110		PP5AR
12282346	LW3EX WALT 5451	50.110		FM5JC
12282347	LUSEMH CQ SSB 5451	50.110		FM5JC
12282354	LU9EFG CQ SSB 5451	50.110		FM5JC
12300042	LW3EX WALT 5451	50.111		FM5JC
12300055	LU7FA RICARDO 5112	50.120		YV5LIX
12300106	LU7FA 52 5952	50.120	S	WP3UX
		558		FM5JC
12310004	LW3EX 55 GF05 5451	50.110		FM5JC

BRAZIL

	PY2CDS GIO GG66 4490 5	0.110		FM5JC
12052321	PY2LDF 519 GG67 4387 5	0.003	В	FM5JC
12052323	PP5AR CQ 4951 5	0.110		FM5JC
12052341	PYIAT CQ SSB 4951 S	0.110		FM5JC
12090016	PY1AT CQ SSB 4951 S PY4AT 599 859 S	0.015	В	ZP6CW
12092317	PP5AR CQ 4951 5	0.110		FM5JC
12111642	PY1RO JT6M GG48>GG87 8	32	J	PY2SRB
12122338	PP5BJ CQ 4951 5	0.110		FM5JC
12122341	PR7AR CW 4951 5	0.110		FM5JC
12131032	PP5BJ CQ 4951 5 PR7AR CW 4951 5 PT9PA JT6M 5	0.236		PY2SRB
12132320	PY3DU 49 JT6M GG48 803	.230	J	PY2SRB
12140121	PY1RO JT6M FK68 5571 5	0.230	J	WP3UX
12140131	PT1PA 26 5571 5 PY1NB JT6M 5 ZZ1JDR JEAN 5 PT9PA 5	0.230		WP3UX
12141417	PYINB JT6M 5	0.252	J	PY2SRB
12142306	ZZ1JDR JEAN 5	0.110		PY1WX
12162223	PT9PA 5	0.230	J	PY2SRB
12172310	PY2HN/P CQ CW 4951 5	0.111		FM5JC
12172345	PY2HN/P GG76AJ 4540 5	0.110		FM5JC
12270015	PR82X 55 GI64>FK68 345	3		WP4NIX
12270020	PR82X 54 5571 5	0.110	S	WP3UX
12270143	PR82X 54 5571 5 PY2LDF GG67 696 5 PY3OL GG40 5008 5	0.003	B	PY20ZF
12290001	PY3OL GG40 5008 5	0.110		FM5JC
12300029	PY4HGM LENO GH80 4262	.110		FM5JC
12300115	PR8ZX 56 5571 5	0.110	S	WP3UX
12310001	PY3DU 55 LUIZ GF49 511	6		FM5JC
		0		FM5JC
12310134		0.110		
12310135	PY2RO 5571 5	0.110		
12310143	PY2RO 5	0.115		ZZ2TUA

CHILE

12102150	XQ3SIX	1281	50.110	CX2AQ
12102203	XQ3SIX	1281	50.120	CX2AQ
12110011	CE3RY	1098	50.110	LUGENO

CURACAO NETH. ANTILLES

12180109 PJ2/WB9Z 3666 12180109 PJ2/WB9Z 3666

FRENCH GUIANA 12220114 FY7THF 529>GG48 3009 50.039 B PY2SRB

PARAGUAY 12050056 2P6CW DOUG HSCW 4468 50.111 FM5JC

TRINIDAD & TOBAGO

12070125	9Y4AT	>GG87 4160	50.015	B	PY1WX
12090017	9Y4AT	4025	50.015	В	2P6CW
		599>GG54JR 417	7 .015	В	PY5IP
		559>GG46 3933	50.015	В	PY5EW
		559 4523	50.015	В	PP5JD
		\$9>GG53 4312	50.115	В	PP5BJ
		599>GG48 3721	50.015	B	PY2SRB
12200008	9Y4AT	599 4523	50.015	В	PP5JD
		599 4523			
12310154	9Y4AT	569 FK90>GG66	4075	В	PY2RO

VENEZUELA

7 2 1 1 2 1		4.3			
12050027	YY5LKD	5112		50.110	LU6ENC
12050037	YV5SSB	4839		50.110	PYISX
12050040	YY5LK	5112		50.110	LU6ENC
12070028	YV5LIX	529		50.076	
12190057	YV4AB	529>GG48	4064	50.025	
12220115				EA AGE	

QSL Information

3Y0X: via N2OO

CE0Z: (North America) via N2OO, Robert Schenck, PO Box 345, Tuckerton, NJ 08087

KG4SB: via N4BAA KG4WV: via W4WV

UP1SAT, UP2SAT: No more QSL bureau, all cards should be sent direct only. Vasilij M. Kasyanenko, Stavro-polskiy kr., 357300, g. Novopavlovsk, P.O. Box 0, RUSSIA